Section 0 – Introduction

This document gives you a survey of all global standard products of BASF’s Performance Chemicals for Coatings, Plastics and Specialties business unit.

Listed are organic as well as inorganic pigments, effect pigments, hybrid and stir-in pigments, pigment preparations, soluble dyestuffs, light stabilizers and additives.

Not listed in this document are the tailor-made preparations for the coloration of plastics, masterbatches. Please contact BASF Masterbatch at:

telephone +49 (0)221 96 49-531
facsimile +49 (0)221 96 49-536
e-mail info.masterbatch@basf.com.

Please note that all products listed are manufactured on an industrial scale and may contain traces of impurities which cannot be avoided. Therefore, BASF does not recommend any of the products listed for application in foodstuffs, pharmaceuticals, cosmetics or for medical appliances or devices that are to come in contact with body fluids or viscera. However, BASF offers products that are approved for food-contact applications under various legislations. Please refer to section 4 of this document for additional information. The special requisitions of the European pharma copoeia apply to pharmaceutical packagings made from plastics.

This document is divided into six sections:

- this introduction and table of contents
- information on trademarks, safety and disclaimer
- product list
- available technical literature
- information on approvals for food-contact applications
- cross reference Colour Index to colorant
<table>
<thead>
<tr>
<th>Section 0 – Introduction</th>
<th>0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 1 – Information on trademark owners and safety, disclaimer</td>
<td>1.1</td>
</tr>
<tr>
<td>Section 2 – Product survey</td>
<td>2.1</td>
</tr>
<tr>
<td>Colorants for the coatings industry</td>
<td>2.1</td>
</tr>
<tr>
<td>pigments</td>
<td>2.1</td>
</tr>
<tr>
<td>organic pigments</td>
<td>2.1</td>
</tr>
<tr>
<td>Heliogen® pigments</td>
<td>2.1</td>
</tr>
<tr>
<td>Paligreen® pigments</td>
<td>2.3</td>
</tr>
<tr>
<td>Palio® pigments</td>
<td>2.4</td>
</tr>
<tr>
<td>Sico® pigments</td>
<td>2.5</td>
</tr>
<tr>
<td>Lithol® pigments</td>
<td>2.6</td>
</tr>
<tr>
<td>inorganic pigments</td>
<td>2.7</td>
</tr>
<tr>
<td>Sicomin® pigments</td>
<td>2.7</td>
</tr>
<tr>
<td>Sicopal® pigments</td>
<td>2.9</td>
</tr>
<tr>
<td>Sicotan® pigments</td>
<td>2.10</td>
</tr>
<tr>
<td>Sicotrans® pigments</td>
<td>2.11</td>
</tr>
<tr>
<td>Stir-in pigments</td>
<td>2.12</td>
</tr>
<tr>
<td>Xfast® stir-in pigments</td>
<td>2.12</td>
</tr>
<tr>
<td>Effect pigments</td>
<td>2.14</td>
</tr>
<tr>
<td>Palicom® effect pigments</td>
<td>2.14</td>
</tr>
<tr>
<td>Mearlite® pearlescent pigments</td>
<td>2.15</td>
</tr>
<tr>
<td>MagnaPearl® effect pigments</td>
<td>2.16</td>
</tr>
<tr>
<td>MicroPearl® effect pigments</td>
<td>2.20</td>
</tr>
<tr>
<td>Black Olive™ effect pigment</td>
<td>2.21</td>
</tr>
<tr>
<td>Firemist® effect pigments</td>
<td>2.22</td>
</tr>
<tr>
<td>Lumina® effect pigments</td>
<td>2.23</td>
</tr>
<tr>
<td>Mearlite® effect pigments</td>
<td>2.24</td>
</tr>
<tr>
<td>Dynacolor® effect pigments</td>
<td>2.25</td>
</tr>
<tr>
<td>Cyclo® effect pigments</td>
<td>2.26</td>
</tr>
<tr>
<td>Hybrid pigments</td>
<td>2.27</td>
</tr>
<tr>
<td>Paliotan® pigments</td>
<td>2.27</td>
</tr>
<tr>
<td>pigment blends</td>
<td>2.28</td>
</tr>
<tr>
<td>Sicomix® IR pigment blends</td>
<td>2.28</td>
</tr>
</tbody>
</table>

| Sicomix® IR K pigment blends for special applications | 2.29 |
| pigment preparations | 2.30 |
| aqueous preparations | 2.30 |
| Luconyl® preparations | 2.30 |
| Luconyl® NG preparations | 2.31 |
| solvent-based preparations | 2.33 |
| Sicoflush® L preparations | 2.33 |
| Sicoflush® P preparations | 2.34 |
| soluble dyes | 2.35 |
| liquid dyes | 2.35 |
| Basantol® dyes | 2.35 |
| Basantol® U dyes | 2.36 |
| powder dyes | 2.37 |
| Neozapon® | 2.37 |

| Colorants and light stabilizers for the plastics industry | 2.38 |
| pigments | 2.38 |
| organic pigments | 2.38 |
| Heliogen® pigments | 2.38 |
| Lithol® pigments | 2.39 |
| Paligreen® pigments | 2.40 |
| Palio® pigments | 2.41 |
| Palioflame® pigments | 2.42 |
| inorganic pigments | 2.43 |
| Sicomin® pigments | 2.43 |
| Sicopal® pigments | 2.44 |
| Sicotan® pigments | 2.45 |
| Sicotrans® pigments | 2.46 |
| effect pigments | 2.47 |
| Mearlite® pearlescent pigments | 2.47 |
| MagnaPearl® effect pigments | 2.51 |
| MicroPearl® effect pigments | 2.52 |
| Black Olive™ effect pigment | 2.53 |
| Firemist® effect pigments | 2.54 |
| Lumina® effect pigments | 2.55 |
| Mearlite® effect pigments | 2.56 |
| Dynacolor® effect pigments | 2.57 |
| Cyclo® effect pigments | 2.58 |
| pigment preparations | 2.59 |
| mono-pigment preparations | 2.59 |
| Eupolen® PE preparations (powder) | 2.59 |
| Eupolen® PE preparations (micro pellets) | 2.60 |
| Eupolen® PE preparations (standard pellets) | 2.61 |
| Eupolen® PP preparations | 2.62 |
| Eupolen® PA preparations | 2.63 |
| Euvinyll® preparations | 2.64 |
| Oppasin® preparations | 2.65 |
| functional colorants | 2.66 |
| black pigments for solar heat management | 2.66 |
| Lumogen® black pigments | 2.66 |
| fluorescent dyes | 2.67 |
| Lumogen® F dyes | 2.67 |
| NIR absorbers | 2.68 |
| Lumogen® IR | 2.68 |
| soluble dyes | 2.69 |
| powder dyes | 2.69 |
| Thermoplas® dyes | 2.69 |
| light stabilizers | 2.70 |
| light stabilizers and sterically hindered amines | 2.70 |
| Uvinul® grades | 2.70 |

<p>| Colorants and additives for printing inks | 2.72 |
| pigments | 2.72 |
| organic pigments | 2.72 |
| Fanal® pigments | 2.72 |
| Heliogen® pigments | 2.73 |</p>
<table>
<thead>
<tr>
<th>Pigments, pigment preparations, dyes and light stabilizers for coatings, plastics, printing inks and specialty industries</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Section 0 – Introduction</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>trademark</td>
</tr>
<tr>
<td>---------------</td>
</tr>
<tr>
<td>Basacid®</td>
</tr>
<tr>
<td>Basonyl®</td>
</tr>
<tr>
<td>Black Olive™</td>
</tr>
<tr>
<td>Cyclo®</td>
</tr>
<tr>
<td>Dynacolor®</td>
</tr>
<tr>
<td>Fanal®</td>
</tr>
<tr>
<td>Firemist®</td>
</tr>
<tr>
<td>Lithol®</td>
</tr>
<tr>
<td>Lucolor®</td>
</tr>
<tr>
<td>Luconyl®</td>
</tr>
<tr>
<td>Lumina®</td>
</tr>
<tr>
<td>Lumogen®</td>
</tr>
<tr>
<td>MagnaPearl®</td>
</tr>
<tr>
<td>Mearlin®</td>
</tr>
<tr>
<td>Mearlite®</td>
</tr>
<tr>
<td>Neozapon®</td>
</tr>
<tr>
<td>trademark</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>Neptun®</td>
</tr>
<tr>
<td>Oppasin®</td>
</tr>
<tr>
<td>Paliocrom®</td>
</tr>
<tr>
<td>Paliogen®</td>
</tr>
<tr>
<td>Paliotan®</td>
</tr>
<tr>
<td>Paliotol®</td>
</tr>
<tr>
<td>Pigmosol®</td>
</tr>
<tr>
<td>Sico®</td>
</tr>
<tr>
<td>Sicocer®</td>
</tr>
<tr>
<td>Sicomix®</td>
</tr>
<tr>
<td>Sicopal®</td>
</tr>
<tr>
<td>Sicomix®</td>
</tr>
<tr>
<td>Sicopol®</td>
</tr>
<tr>
<td>trademark</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>Sicotan®</td>
</tr>
<tr>
<td>Sicotan®</td>
</tr>
<tr>
<td>Sicotrans®</td>
</tr>
<tr>
<td>Sicotrans®</td>
</tr>
<tr>
<td>Thermoplast®</td>
</tr>
<tr>
<td>Uvinul®</td>
</tr>
</tbody>
</table>
Information on trademark owners
This list names the beneficial owners of trademarks. Inasmuch as trademark registers may name legal owners other than those named above, titles to the trademarks have been transferred to the owners named above.

Safety
Please note the advice and information given in the material safety data sheets and observe the precautionary and workplace hygiene measures adequate for the handling and processing of chemicals. Material safety data sheets are available from our sales staff or through our eSolution channels.

Note
The data contained in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out the own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the products. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.
Colorants for the coatings industry – pigments – organic pigments

Heliogen® pigments

copper phthalocyanine blue and green pigments (exception: Heliogen® Blue L 7460 is metal-free)

Letters following the numerical code denote special properties:
D = easily dispersible
F = resistant to flocculation

Products are distinguished by hue, color strength, chroma, transparency, dispersibility, flow properties and resistance to flocculation and bronzing.

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index part 1</th>
<th>part 2</th>
<th>chemical nature</th>
<th>Suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heliogen® Blue L 6700 F</td>
<td>Pigment Blue 15:6</td>
<td>74160</td>
<td>Cu phthalocyanine, epsilon</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6870</td>
<td>Pigment Blue 15:2</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6875 F</td>
<td>Pigment Blue 15:2</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6900</td>
<td>Pigment Blue 15:2</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6901 F</td>
<td>Pigment Blue 15:2</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6905 F</td>
<td>Pigment Blue 15:2</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6920</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6930</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6975 F</td>
<td>Pigment Blue 15:2</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 6989 F</td>
<td>Pigment Blue 15:2</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 7072 D</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 7080</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 7081 D</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Heliogen® Blue L 7085</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – organic pigments

Heliogen® pigments

<table>
<thead>
<tr>
<th>Heliogen® Blue L 7101 F</th>
<th>Pigment Blue 15:4</th>
<th>74160</th>
<th>Cu phthalocyanine, beta</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heliogen® Blue L 7460</td>
<td>Pigment Blue 16</td>
<td>74100</td>
<td>phthalocyanine, alpha</td>
</tr>
<tr>
<td>Heliogen® Green L 8605</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green L 8690</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green L 8730</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green L 8731</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green L 8735</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green L 9361</td>
<td>Pigment Green 36</td>
<td>74265</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Blue L 6950</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
</tr>
</tbody>
</table>
**Paliogen® pigments**

organic pigments of various chemical compositions with a high standard of fastness

Letters following the numerical code denote special properties:
- F = resistant to flocculation
- HD = good hiding power and easily dispersible

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
</tr>
<tr>
<td>Paliogen® Black L 0086</td>
<td>Pigment Black 32</td>
<td>71133</td>
</tr>
<tr>
<td>Paliogen® Red L 3875</td>
<td>Pigment Red 179</td>
<td>71130</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red L 3880 HD</td>
<td>Pigment Red 178</td>
<td>71155</td>
</tr>
<tr>
<td>Paliogen® Red L 3885</td>
<td>Pigment Red 179</td>
<td>71130</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red L 3910 HD</td>
<td>Pigment Red 178</td>
<td>71155</td>
</tr>
<tr>
<td>Paliogen® Maroon L 3920</td>
<td>Pigment Red 179</td>
<td>71130</td>
</tr>
<tr>
<td>Paliogen® Maroon L 3980</td>
<td>Pigment Red 179</td>
<td>71130</td>
</tr>
<tr>
<td>Paliogen® Blue L 4120</td>
<td>Pigment Red 179</td>
<td>71130</td>
</tr>
<tr>
<td>Paliogen® Blue L 6360</td>
<td>Pigment Blue 60</td>
<td>69800</td>
</tr>
<tr>
<td>Paliogen® Blue L 6385</td>
<td>Pigment Blue 60</td>
<td>69800</td>
</tr>
<tr>
<td>Paliogen® Blue L 6470</td>
<td>Pigment Blue 60</td>
<td>69800</td>
</tr>
<tr>
<td>Paliogen® Blue L 6480</td>
<td>Pigment Blue 60</td>
<td>69800</td>
</tr>
<tr>
<td>Paliogen® Blue L 6482</td>
<td>Pigment Blue 60</td>
<td>69800</td>
</tr>
<tr>
<td>Paliogen® Blue L 6495 F</td>
<td>Pigment Blue 60</td>
<td>69800</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – organic pigments

Paliotol® pigments

organic pigments of various chemical compositions with good to very good fastness properties in many applications

Letters following the numerical code denote special properties:
HD = good hiding power and easily dispersible

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>suitable for</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
<td>chemical nature</td>
<td>automotive coatings</td>
<td>decorative coatings</td>
<td>industrial coatings</td>
<td>wood coatings</td>
</tr>
<tr>
<td>Paliotol® Black L 0080</td>
<td>Pigment Black 1</td>
<td>50440</td>
<td>aniline black</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<td>Paliotol® Yellow L 0960 HD</td>
<td>Pigment Yellow 138</td>
<td>56300</td>
<td>quinophthalone yellow</td>
<td>☐</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Paliotol® Yellow L 0962 HD</td>
<td>Pigment Yellow 138</td>
<td>56300</td>
<td>quinophthalone yellow</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1060</td>
<td>Pigment Yellow 151</td>
<td>13980</td>
<td>monoazo</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1155</td>
<td>Pigment Yellow 185</td>
<td>56290</td>
<td>isoindoline yellow</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1772</td>
<td>Pigment Yellow 153</td>
<td>48545</td>
<td>nickel complex</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1820</td>
<td>Pigment Yellow 139</td>
<td>56298</td>
<td>isoindoline yellow</td>
<td>☐</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1970</td>
<td>Pigment Yellow 139</td>
<td>56298</td>
<td>isoindoline yellow</td>
<td>☐</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Paliotol® Yellow L 2140 HD</td>
<td>Pigment Yellow 139</td>
<td>56298</td>
<td>isoindoline yellow</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Paliotol® Yellow L 2146 HD</td>
<td>Pigment Yellow 139</td>
<td>56298</td>
<td>isoindoline yellow</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Paliotol® Orange L 2930 HD</td>
<td>Pigment Orange 67</td>
<td>12915</td>
<td>pyrazolo quinazolone</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>☒</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – organic pigments

**Sico® pigments**

economical organic pigments (Azopigmente) with a moderate standard of fastness, “Fast” in the product name denotes better fastness to solvents and overcoating compared to other grades

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
<th>Suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
<td>automotive</td>
</tr>
<tr>
<td>Sico® Yellow FR 1252</td>
<td>Pigment Yellow 74</td>
<td>11741</td>
<td>☑</td>
</tr>
<tr>
<td>Sico® Red L 3750</td>
<td>Pigment Red 3</td>
<td>12120</td>
<td>☑</td>
</tr>
<tr>
<td>Sico® Fast Red L 3855</td>
<td>Pigment Red 112</td>
<td>12370</td>
<td>☑</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – organic pigments

Lithol® pigments

economical organic pigments (metal salts of azo dyes), some of which with a medium fastness profile

Mostly manganese lakes are used because of their better fastness to light and weathering.

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index part 1</th>
<th>Colour Index part 2</th>
<th>chemical nature</th>
<th>suitable for</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithol® Fast Scarlet L 4300</td>
<td>Pigment Red 48:4</td>
<td>15865:4</td>
<td>BON red 2 B, Mn lake</td>
<td>☐</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Lithol® Fast Maroon L 4763</td>
<td>Pigment Red 52:2</td>
<td>15860:2</td>
<td>BON maroon, Mn lake</td>
<td>☐</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – inorganic pigments

Sicomin® pigments

chrome yellow and molybdate orange pigments for high-grade industrial and automotive coatings

XX22 series: medium fastness properties but high chroma
XX25 series: highly stabilized, they meet the most stringent requirements for fastness to light and weathering
XX30 S series: not only extremely fast to light and weathering but also resistant to aggressive industrial gases and dilute mineral acids
XX35 S series: maximum fastness to light and weathering and resistant to industrial gases and dilute mineral acids; particularly low content of lead compounds soluble in hydrochloric acid
Type U: low content of lead compounds soluble in hydrochloric acid; economic alternative to the XX35 S series with somewhat lower fastness properties, application properties compare to those of the corresponding standard grades

Please note the restrictions imposed on the use of lead pigments in many countries.

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1425</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1522</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1622</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1622 Typ U</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1625</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1630 S</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1635 S</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1835 S</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1922</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
<tr>
<td>Sicomin® Yellow L 1922 Typ U</td>
<td>Pigment Yellow 34 77603</td>
<td>lead chromate</td>
</tr>
</tbody>
</table>
### Colorants for the coatings industry – pigments – inorganic pigments

#### Sicomin® pigments

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Colorant Code</th>
<th>Pigment</th>
<th>Type</th>
<th>Availability</th>
<th>Price</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicomin® Yellow L 2135 S</td>
<td>Pigment Yellow 34</td>
<td>77603</td>
<td>lead chromate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 2922</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3025</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3025 Typ U</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3030 S</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3035 S</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3125</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3125 Typ U</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3130 S</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3135 S</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3230 S</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sicomin® Red L 3330 S</td>
<td>Pigment Red 104</td>
<td>77605</td>
<td>lead chromate/lead molybdate</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Colorants for the coatings industry – pigments – inorganic pigments

**Sicopal® pigments**

Lead- and chromate-free inorganic pigments with good gloss and hiding power; outstandingly suitable for automotive (OEM and refinish) and high-grade industrial finishes; optimum fastness to weathering both in pure shade and when highly reduced with white

Physical form: powder or fine granules (suffix “FG”)

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Suitable for</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
<td>chemical nature</td>
</tr>
<tr>
<td>Sicopal® Yellow L 1100</td>
<td>Pigment Yellow 184 771740</td>
<td>bismuth vanadate</td>
<td>✓ ✓ ✔ ✓</td>
</tr>
<tr>
<td>Sicopal® Yellow L 1110</td>
<td>Pigment Yellow 184 771740</td>
<td>bismuth vanadate</td>
<td>✓ ✓ ✔ ✓</td>
</tr>
<tr>
<td>Sicopal® Yellow L 1120</td>
<td>Pigment Yellow 184 771740</td>
<td>bismuth vanadate</td>
<td>✓ ✓ ✔ ✓</td>
</tr>
<tr>
<td>Sicopal® Yellow L 1600</td>
<td>Pigment Yellow 184 771740</td>
<td>bismuth vanadate</td>
<td>✓ ✓ ✔ ✓</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – inorganic pigments

Sicotan® pigments

Complex inorganic chromatic pigments with rutile structure (nickel, manganese and chromium titanium yellow), excellent fastness to light, weathering and chemicals and very good thermal stability even in white reductions (pastel shades)

In combination with organic pigments, they produce economic yellow, orange and red shades with good hiding power. For high-gloss baking finishes, we particularly recommend Sicotan® Yellow L 1912.

Physical form: powder or fine granules (suffix “FG”)

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicotan® Yellow L 1010</td>
<td>Pigment Yellow 53</td>
<td>77788 Ni/Sb/Ti oxide</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1011</td>
<td>Pigment Yellow 53</td>
<td>77788 Ni/Sb/Ti oxide</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1012</td>
<td>Pigment Yellow 53</td>
<td>77788 Ni/Sb/Ti oxide</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1910</td>
<td>Pigment Brown 24</td>
<td>77310 Cr/Sb/Ti oxide</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1912</td>
<td>Pigment Brown 24</td>
<td>77310 Cr/Sb/Ti oxide</td>
</tr>
<tr>
<td>Sicotan® Yellow L 2010</td>
<td>Pigment Brown 24</td>
<td>77310 Cr/Sb/Ti oxide</td>
</tr>
<tr>
<td>Sicotan® Yellow L 2011</td>
<td>Pigment Brown 24</td>
<td>77310 Cr/Sb/Ti oxide</td>
</tr>
<tr>
<td>Sicotan® Yellow L 2107</td>
<td>Pigment Brown 24</td>
<td>77310 Cr/Sb/Ti oxide</td>
</tr>
<tr>
<td>Sicotan® Yellow L 2110</td>
<td>Pigment Brown 24</td>
<td>77310 Cr/Sb/Ti oxide</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – inorganic pigments

Sicotrans® pigments

transparent iron oxide pigments with extremely low particle size for coatings and plastics coloration (e.g., wood varnish stains for outdoor use and automotive effect paints) – good absorption of UV radiation yields additional protection of substrate and binder

The suffix "D" following the numerical code denotes good dispersibility and an extremely low electrolyte content. Grades with numerical codes XX16 and XX18 grades are ideal for water-based systems.

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
<th>Suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
<td>automotive coatings</td>
</tr>
<tr>
<td>Sicotrans® Yellow L 1915</td>
<td>Pigment Yellow 42 77492</td>
<td>iron oxide hydrate, transparent</td>
<td>☐</td>
</tr>
<tr>
<td>Sicotrans® Yellow L 1916</td>
<td>Pigment Yellow 42 77492 (transparent)</td>
<td>iron oxide hydrate, transparent</td>
<td>☑</td>
</tr>
<tr>
<td>Sicotrans® Orange L 2416</td>
<td>Pigment Yellow 42 77492</td>
<td>iron[III] oxide/iron oxide hydrate</td>
<td>☐</td>
</tr>
<tr>
<td>Sicotrans® Red L 2715 D</td>
<td>Pigment Red 101 77491</td>
<td>iron[III] oxide, transparent</td>
<td>☑</td>
</tr>
<tr>
<td>Sicotrans® Red L 2816</td>
<td>Pigment Red 101 77491</td>
<td>iron[III] oxide, transparent</td>
<td>☑</td>
</tr>
<tr>
<td>Sicotrans® Red L 2817</td>
<td>Pigment Red 101 77491 (transparent)</td>
<td>iron[III] oxide, transparent</td>
<td>☑</td>
</tr>
<tr>
<td>Sicotrans® Red L 2818</td>
<td>Pigment Red 101 77491</td>
<td>iron[III] oxide, transparent</td>
<td>☑</td>
</tr>
<tr>
<td>Sicotrans® Red L 2915 D</td>
<td>Pigment Red 101 77491</td>
<td>iron[III] oxide, semi-transparent</td>
<td>☐</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Stir-in pigments

Xfast® stir-in pigments

Xfast® stir-in pigments are free-flowing, low-dusting granules that can be stirred directly into aqueous coating formulations. No laborious dispersion of powder pigments is required. Xfast® stir-in pigments therefore combine the advantages of powder pigments and pigment preparations.

fields of application: Xfast® stir-in pigments can be used in all water-based coating systems.

physical form: free-flowing low-dusting granules

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xfast® White EH 0299 (0025)</td>
<td>Pigment White 6</td>
<td>77891</td>
<td>titanium dioxide, rutile</td>
<td></td>
</tr>
<tr>
<td>Xfast® Black ED 7892 (0050)</td>
<td>Pigment Black 11</td>
<td>77499</td>
<td>iron[II]/iron[III] oxide</td>
<td></td>
</tr>
<tr>
<td>Xfast® Black EH 0249 (0060)</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
<td></td>
</tr>
<tr>
<td>Xfast® Black 0066</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
<td></td>
</tr>
<tr>
<td>Xfast® Black ED 7950 (0084)</td>
<td>Pigment Black 31</td>
<td>71132</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Xfast® Yellow 0962</td>
<td>Pigment Yellow 138</td>
<td>56300</td>
<td>quinophthalone yellow</td>
<td></td>
</tr>
<tr>
<td>Xfast® Yellow EH 0292 (1102)</td>
<td>Pigment Yellow 184</td>
<td>771740</td>
<td>bismuth vanadate</td>
<td></td>
</tr>
<tr>
<td>Xfast® Yellow 1256</td>
<td>Pigment Yellow 74</td>
<td>11741</td>
<td>arylide yellow</td>
<td></td>
</tr>
<tr>
<td>Xfast® Yellow 1916</td>
<td>Pigment Yellow 42</td>
<td>77492 (transparent)</td>
<td>iron oxide hydrate, transparent</td>
<td></td>
</tr>
<tr>
<td>Xfast® Yellow 1990</td>
<td>Pigment Yellow 42</td>
<td>77492</td>
<td>iron oxide hydrate, opaque</td>
<td></td>
</tr>
<tr>
<td>Xfast® Red 2817</td>
<td>Pigment Red 101</td>
<td>77491 (transparent)</td>
<td>iron[III] oxide, transparent</td>
<td></td>
</tr>
<tr>
<td>Xfast® Brown 2915</td>
<td>Pigment Red 101</td>
<td>77491 (transparent)</td>
<td>iron[III] oxide, transparent</td>
<td></td>
</tr>
<tr>
<td>Xfast® Orange 2930</td>
<td>Pigment Orange 67</td>
<td>12915</td>
<td>pyrazolo quinazolone</td>
<td></td>
</tr>
<tr>
<td>Xfast® Orange EH 0397 (3100)</td>
<td>Pigment Orange 73</td>
<td>77346</td>
<td>diketo-pyrrolo-pyrrole</td>
<td></td>
</tr>
<tr>
<td>Xfast® Red EH 0273 (3390)</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td>iron[III] oxide, opaque</td>
<td></td>
</tr>
<tr>
<td>Xfast® Red 3855</td>
<td>Pigment Red 112</td>
<td>12370</td>
<td>Naphthol AS red</td>
<td></td>
</tr>
<tr>
<td>Xfast® Red 3860</td>
<td>Pigment Red 254</td>
<td>56110</td>
<td>diketo-pyrrolo-pyrrole</td>
<td></td>
</tr>
<tr>
<td>Xfast® Magenta 4790</td>
<td>Pigment Red 122</td>
<td>73915</td>
<td>quinacridone</td>
<td></td>
</tr>
<tr>
<td>Xfast® Violet 5894</td>
<td>Pigment Violet 23</td>
<td>51319</td>
<td>dioxazine violet</td>
<td></td>
</tr>
<tr>
<td>Xfast® Blue ED 7905 (6310)</td>
<td>Pigment Blue 28</td>
<td>77346</td>
<td>Co/Al oxide</td>
<td></td>
</tr>
</tbody>
</table>
## Colorants for the coatings industry – pigments – Stir-in pigments

### Xfast® stir-in pigments

<table>
<thead>
<tr>
<th>Xfast® Blue 6875</th>
<th>Pigment Blue 15:2</th>
<th>74160</th>
<th>Cu phthalocyanine, alpha stable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xfast® Blue 7080</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Xfast® Green 8730</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Xfast® Green ED 7995 (9990)</td>
<td>Pigment Green 17</td>
<td>77288</td>
<td>chromium[III] oxide</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments

Paliocrom® effect pigments

Paliocrom® pigments are supplied as pastes in mineral spirit. Special characteristics are high chroma, very good hiding power and high cost effectiveness. Combinations with other chromatic pigments open up styling opportunities across the whole color spectrum. Attractive effect coatings can be formulated, especially in the yellow-orange-red-brown range, which were previously impossible due to poor hiding power.

The Paliocrom® pigments were developed for solvent-based systems and are not suitable for aqueous systems unless stabilized further by the user.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
<th>suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paliocrom® Gold L 2000</td>
<td>aluminum, coated with iron oxide, approx. 65 % in mineral spirit</td>
<td>✅</td>
</tr>
<tr>
<td>Paliocrom® Gold L 2020</td>
<td>aluminum, coated with iron oxide, approx. 65 % in mineral spirit</td>
<td>✅</td>
</tr>
<tr>
<td>Paliocrom® Orange L 2800</td>
<td>aluminum, coated with iron oxide, approx. 65 % in mineral spirit</td>
<td>✅</td>
</tr>
<tr>
<td>Paliocrom® Sparkling Red L 3505</td>
<td>aluminum, coated with iron oxide, approx. 82.5 % in mineral spirit</td>
<td>✅</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments

Mearlin® pearlescent pigments

Mearlin® pearlescent pigments are mica platelets coated with titanium dioxide and/or iron oxide that provide both color and exciting visual effects to a variety of coatings, plastics and printing ink applications.

These unique BASF luster pigments are transparent and reflect light because of their smooth surfaces and high index of refraction. Light reflected from the platelets creates a sense of depth and a luster that varies with particle size – smaller particles impart a satin sheen while larger particles create a more sparkly or glitter-like effect. Some Mearlin® special effect pigments have a multiple color play and dynamic color travel or "flop" in which the color changes with the viewing angle. Although these pigments are non-metallic, they can give finishes a metallic look. And all Mearlin® pigments are totally non-reactive and nontoxic.

Mearlin luster pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® CFS Bright Silver 1303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro White 139M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright White 139X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Silver 139Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Gold 2303M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Gold 2303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Brass 2323V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Brass 2329V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Brass 2329Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Gold 239V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Gold 239X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Gold 239Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Bronze 249X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Bronze 2503M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Bronze 2503V</td>
<td></td>
</tr>
</tbody>
</table>
### Mearlin® pearlescent pigments

<table>
<thead>
<tr>
<th>Name</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® Super Bronze 259Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Brass 2623M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Orange 3303V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Orange 3303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Orange 3339X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Orange 339X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Orange 339Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Copper 349X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Copper 3503M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Copper 3503Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Copper 359V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Copper 359Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Red 4303V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Red 4303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Red 439X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Red 439Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Russet 4503M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Russet 4503Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Russet 459V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Russet 459Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Violet 5303V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Violet 5303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Violet 539V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Violet 539X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Violet 539Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Blue 6303M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Blue 6303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Blue 639V</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments

Mearlin® pearlescent pigments

<table>
<thead>
<tr>
<th>Colorant Name</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® Hi-Lite Blue 639X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Blue 639Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Blue Russet 659Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Blue Green 7289Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Green 8289X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Green 8303M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Green 8303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Green 839V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Green 839Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Satin White 9130 F</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro Russet 9150M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Gold 9220J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Brass 9222J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Brass 9232Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Bronze 9250J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Bronze 9250Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Mica Gold 9260M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro Brass 9262M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Sparkle 9320J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Orange 9330Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Copper 9350J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro Copper 9350M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Copper 9350Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Red 9420J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Russet 9450J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Russet 9450Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Violet 9520J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Violet 9530Z</td>
<td></td>
</tr>
</tbody>
</table>
## Colorants for the coatings industry – pigments – Effect pigments

**Mearlin® pearlescent pigments**

<table>
<thead>
<tr>
<th>Product Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® Sparkle Blue 9620J</td>
</tr>
<tr>
<td>Mearlin® Super Blue Russet 9650Z</td>
</tr>
<tr>
<td>Mearlin® Micro Blue 9660M</td>
</tr>
<tr>
<td>Mearlin® Sparkle Green 9820J</td>
</tr>
<tr>
<td>Mearlin® Micro Green 9860M</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments

MagnaPearl® effect pigments

MagnaPearl® pearlescent pigments are specially engineered to deliver superior whiteness, brilliance and hiding. Available in a variety of particle sizes, they create extraordinary optical effects ranging from a fine-grained luster to a bold silvery-white sparkle.

Made of mica platelets coated with titanium dioxide, MagnaPearl® pigments are free of solvents and heavy metals. The MagnaPearl® 1000, 2000, 3000, 4000 and 5000 series include grades coated with titanium dioxide crystals in either anatase or rutile form. Grades containing rutile crystals tend to have higher luster, coverage and whiteness, while grades containing anatase crystals are free of tin. Surface-treated MagnaPearl® pigments are available to prevent yellowing in plastics applications.

MagnaPearl® pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>MagnaPearl® 1100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 4000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 5000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 1000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 1103</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 2103</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2300</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 3000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 3100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 3103</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments

MicroPearl effect pigments

MicroPearl mica-based effect pigments offer the depth of conventional pearlescent finishes and the texture of solid colors. Due to their very fine particle size distribution, MicroPearl pigments provide increased hiding in coating and ink applications.

Available in a broad color palette, MicroPearl pigments come in two main product categories: coated with titanium dioxide to create a subtle two-tone effect that changes with the viewing angle, or coated with iron oxide for a metallic appearance.

Exterior grades, CFS-treated, are available.
Colorants for the coatings industry – pigments – Effect pigments

Black Olive™ effect pigment

Black Olive™ pigment is a black, mica-based effect pigment with champagne undertones. This revolutionary product actually extends the range of absorption colors possible with mica-based pigments to brown-black shades.

Until now, only green, pale gold and russet-red absorption colors have been available. Black Olive™ pigment’s unique brown-black color space makes it ideal for shading neutral colors, helping make gun metals and silvers and adding an unusually bright face to dark-shade metallic colors.

Black Olive™ also can be used in conjunction with other special effect pigments to extend the palette of effects.

Black Olive™ pigment can be used in many diverse interior coatings, plastics and ink applications, including:

- molded-in plastic or coatings for electronic equipment
- appliances
- sporting goods and packaging
- specialty decorative coatings and inks
- coatings and inks for leather goods
- solid-surface applications (i.e., countertops and flooring)

Based on a unique chemistry that produces a black, lustrous, pearlescent finish, Black Olive™ pigment adds depth and luster to water-based, solvent-based and powder coatings. And given its unique color space, Black Olive™ pigment can create novel effects in molded plastic products.

Black Olive™ pigment for exterior use is engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes it ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Olive™ 90C0Z</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments

Firemist® effect pigments

Firemist® patented borosilicate-based pigments bring products to life with brilliant color and glittering effects. These advanced pigments, which create an exceptionally high visual impact, are specially formulated to out-perform traditional pearly pigments in chroma, color purity, brightness, transparency and reflectivity.

Firemist® pigments give designers and formulators a spectrum of advanced optical effects to work with.

For example, their smooth surface and larger particle size create a brilliant, starlike glitter, and blends of Firemist® pigments create true multicolor effects (individual colors come through because the pigments’ exceptional transparency and chroma overcome the addition effects that gray-out normal pearls). Firemist® pigments also enhance the feeling of depth in coatings and plastics applications beyond that possible with mica-based pearls, because the borosilicate flakes promote light penetration. They are ideal for automotive trim applications such as powder coatings or plastic and leather coatings, and can be used in many other applications as well.

Firemist® pigments match the color palette of other pearls and work well with transparent organic colorants because of their flakes’ high transparency. They also are approved for food contact, making them ideal for food packaging applications.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firemist® Pearl 9G130L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Gold 9G230L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Red 9G430L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Violet 9G530L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Blue 9G630L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Turquoise 9G730L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Green 9G830L</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments

**Lumina® effect pigments**

Lumina® pigments are mica-based effect pigments that create intriguing and dramatic visual effects in a wide variety of applications.

Lumina® colors feature increased chromaticity at the reflection angle and higher color purity and clarity than traditional interference colors. The result is cleaner shades, more saturated colors and stronger flip-flop effects in coatings, plastics and inks.

For example, in solvent- and water-based coating applications, Lumina® pigments’ enhanced reflection creates the look of a three-coat effect in only two coats. Lumina® pigments enhance labels for luxury packaging and other luxury products. And in plastics applications, including injection molding, blow molding and extrusion processing, Lumina® pigments create multi-optical effects when combined with other effect or color pigments.

Lumina® pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

Like other mica-based effect pigments, all Lumina® pigments are non-reactive, non-metallic and non-tarnishing.

<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumina® Gold 9130D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Brass 9232D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Copper 9350D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Russet 9450D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Red Blue 9830D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Aqua Blue 9A30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Green 9G30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Red 9R30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Turquoise 9T30D</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments

Mearlite® effect pigments

Mearlite® luster pigments impart a range of optical effects from a soft, satin luster to a sharp, metallic brilliance in plastics, coatings and inks. These effects are due to plate-like crystals of bismuth oxychloride that have a silver-white and transparent appearance.

Mearlite® pigments are available as dispersions in a variety of vehicles (e.g., alkyd, acrylic and cellulose nitrate) compatible with dip or spray coatings, inks and plastics resin systems. When used alone in spray coatings, Mearlite® pigments create a simulated pearl finish. When used as a reflective surface under transparent color coatings, they provide a candy apple effect. Mearlite® pigments also can create intense, lustrous colors when combined with organic pigments or dyes.

Mearlite® Ultra Bright grade provides the highest brilliance of any synthetic pearlescent pigment. It is the most widely used Mearlite® grade for coatings, inks and polyester castings.

Mearlite® Radiant Pearl combines the brilliance of Ultra Bright pigments with a surface treatment to reduce darkening by ultraviolet light. When formulated with UV absorbers, this grade is well-suited for exterior coatings.

Mearlite® Ultra Fine balances high luster and small particle size for use where larger pearlescent pigments cannot be applied.

<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlite® Radiant Pearl SSQ</td>
<td></td>
</tr>
<tr>
<td>Mearlite® Ultra Bright</td>
<td></td>
</tr>
<tr>
<td>Mearlite® Ultra Fine</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – Effect pigments
Dynacolor® effect pigments

Dynacolor® pearlescent pigments are specially engineered to add dramatic visual effects and a high degree of color purity and intensity coatings, printing inks and plastics.

As interference-type pigments, Dynacolor® grades exhibit a two-color play. The interference color occurs at the specular angle, while the absorption appears at the flop angle or diffuse angle. This effect is especially desirable in coating finishes when simulating a three-coat effect with only two coats.

In addition to their attractive appearance, Dynacolor® pigments also offer important production benefits such as ease of dispersion and reduced color bleed and migration. With the colorant already deposited on the pigment substrate, there is no need to add it separately. The constant colorant-to-particle ratio also promotes more predictable end-use results.

BASF offers many Dynacolor® pigments for a wide variety of dramatic effects. Dynacolor® exterior pigments are chemically treated to maximize their durability in outdoor applications.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynacolor® Exterior BY-B 239ZB15AA</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior GY 239ZG7A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior BB 639ZB15C</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior BG 839ZB15A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® BY-B 9239ZB15AA</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® GY 9239ZG7A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® BB 9639ZB15C</td>
<td></td>
</tr>
</tbody>
</table>
**Colorants for the coatings industry – pigments – Effect pigments**

**Cyclo® effect pigments**

Cyclo® pigments are mica-based effect pigments designed specifically to work with powder coatings, which are used for appliances, architecture and building applications.

Cyclo® pigments are engineered to improve application properties. Because of reduced build-up of pearl pigment on spray gun tips, Cyclo® pigments allow formulators to raise the amount of pearl in powder coating formulations. This offers more flexibility to formulators attempting to match the appearance of liquid coatings, which typically contain higher levels of pearl pigments.
Colorants for the coatings industry – pigments – Hybrid pigments

Paliotan® pigments

Hybrid pigments based on inorganic and organic components, developed with the goal to combine chroma, hiding power and resistance to weathering in one pigments; fields of application are high-grade industrial paints such as coil and powder coatings as well as vehicle coatings for buses and large-capacity vehicles.

Its high color strength and good hiding power make Paliotan® Yellow L 1145 particularly suitable for use in mixing systems.

<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical nature</th>
<th>Suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paliotan® Yellow L 1135</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Yellow L 1145</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Yellow L 1240</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Yellow L 1645</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Yellow L 1945</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Yellow L 2045</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Yellow L 2145 H</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Orange L 2935</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Red L 3735</td>
<td>hybrid pigment</td>
<td></td>
</tr>
<tr>
<td>Paliotan® Red L 3745</td>
<td>hybrid pigment</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – pigment blends

**Sicomix® IR pigment blends**

blends of organic and inorganic pigments, both for liquid and powder coatings, with special reflection properties in the infrared range

Sicomix® IR pigment blends are extraordinarily homogenized. Thus
– pigment separation can be avoided
– changes of shade influenced by the dispersing process are avoided to the farthest possible extent.

Please note that these pigment blends as well as any products based on them may be subject to export restrictions.

physical form: powder

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
<th>suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicomix® IR Brown 24-0040</td>
<td>IR-remitting, Germany RAL 8027-F9</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Green 97-0190</td>
<td>IR-remitting, Norway MGF 70/MGK 93</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Green 98-0510</td>
<td>IR-remitting, USA Green 383</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Bronze Green 98-0560</td>
<td>IR-remitting, Germany RAL 6031-F9</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Green 98-0970</td>
<td>IR-remitting, NATO Stanag 2338</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Green 99-1330</td>
<td>IR-remitting, Germany RAL 6014-F9</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Green 99-1460</td>
<td>IR-remitting, Denmark SK 80</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Gray Olive 99-1630</td>
<td>IR-remitting, Austria RAL 7013</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigments – pigment blends

Sicomix® IR K pigment blends for special applications

blends of organic and inorganic pigments, for applications other than coatings, with special reflection properties in the infrared range

Sicomix® IR K pigment blends are extraordinarily homogenized. Thus
– pigment separation can be avoided
– changes of shade influenced by the dispersing process are avoided to the farthest possible extent.

Please note that these pigment blends as well as any products based on them may be subject to export restrictions.

physical form: powder

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
<th>suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicomix® IR Olive K 99-0550</td>
<td>IR-remitting, Austria RAL 7013</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Bronce Green K 98-1240</td>
<td>IR-remitting, Germany RAL 6031-F9</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Green K 99-1670</td>
<td>IR-remitting, NATO Stanag 2338</td>
<td></td>
</tr>
<tr>
<td>Sicomix® IR Green K 99-2290</td>
<td>IR-remitting, Germany RAL 6014-F9</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigment preparations – aqueous preparations

Luconyl® preparations

aqueous free-flowing preparations of organic and inorganic pigments with a non-ionic dispersing agent (grades based on transparent iron oxides with anionic dispersing agents)

Main applications are emulsion paints, gloss emulsion paints, full-tone paints and stains based on aqueous binders, water-thinnable paints, textured finishes, whitewashes and distempers, coatings for wallpaper and colored papers as well as aqueous wood glazes.

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luconyl® White 0022</td>
<td>Pigment White 6</td>
<td>77891</td>
<td></td>
<td>titanium dioxide, rutile</td>
</tr>
<tr>
<td>Luconyl® Black 0060</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td></td>
<td>carbon black</td>
</tr>
<tr>
<td>Luconyl® Black 0066</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td></td>
<td>carbon black</td>
</tr>
<tr>
<td>Luconyl® Yellow 1100</td>
<td>Pigment Yellow 184</td>
<td>771740</td>
<td></td>
<td>bismuth vanadate</td>
</tr>
<tr>
<td>Luconyl® Yellow 1250</td>
<td>Pigment Yellow 1</td>
<td>11680</td>
<td></td>
<td>arylide yellow</td>
</tr>
<tr>
<td>Luconyl® Yellow 1252</td>
<td>Pigment Yellow 7</td>
<td>11741</td>
<td></td>
<td>arylide yellow</td>
</tr>
<tr>
<td>Luconyl® Yellow 1770</td>
<td>Pigment Yellow 153</td>
<td>48545</td>
<td></td>
<td>nickel complex</td>
</tr>
<tr>
<td>Luconyl® Yellow 1916</td>
<td>Pigment Yellow 42</td>
<td>77492</td>
<td>(transparent)</td>
<td>iron oxide hydrate, transparent</td>
</tr>
<tr>
<td>Luconyl® Yellow 1995</td>
<td>Pigment Yellow 42</td>
<td>77492</td>
<td></td>
<td>iron oxide hydrate, opaque</td>
</tr>
<tr>
<td>Luconyl® Orange 2416</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td>(transparent)</td>
<td>iron[III] oxide/iron oxide hydrate</td>
</tr>
<tr>
<td>Luconyl® Red 2817</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td></td>
<td>iron[III] oxide, transparent</td>
</tr>
<tr>
<td>Luconyl® Brown 2915</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td></td>
<td>iron[III] oxide, semi-transparent</td>
</tr>
<tr>
<td>Luconyl® Orange 3053</td>
<td>Pigment Orange 5</td>
<td>12075</td>
<td></td>
<td>Naphthol orange</td>
</tr>
<tr>
<td>Luconyl® Red 3396</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td></td>
<td>iron[III] oxide, opaque</td>
</tr>
<tr>
<td>Luconyl® Red 3855</td>
<td>Pigment Red 112</td>
<td>12370</td>
<td></td>
<td>Naphthol AS red</td>
</tr>
<tr>
<td>Luconyl® Red 2915</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td></td>
<td>iron[III] oxide, semi-transparent</td>
</tr>
<tr>
<td>Luconyl® Blue 6900</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td></td>
<td>Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Luconyl® Blue 7080</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td></td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Luconyl® Green 8730</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td></td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Luconyl® Green 9360</td>
<td>Pigment Green 36</td>
<td>74265</td>
<td></td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigment preparations – aqueous preparations

Luconyl® NG preparations

With a complete product portfolio, Luconyl® NG offers a new water-based system for the decorating segment and represents a further technological development of the Luconyl® G and Luconyl® E ranges. During development, attention was paid to customers’ current requirements concerning environmental protection and labeling exemption, the products are VOC- and APEO-free. This product range satisfies our customers’ demand for high and constantly increasing environmental standards. Luconyl® NG has optimized stabilization, so there is less tendency to sedimentation. Further, this new product range has tighter specifications.

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Part 1</th>
<th>Part 2</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luconyl® NG White 0022</td>
<td>Pigment White 6</td>
<td>77891</td>
<td>titanium dioxide, rutile</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Black 0060</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Black 0066</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Yellow 0911</td>
<td>Pigment Yellow 3</td>
<td>11710</td>
<td>arylide yellow</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Yellow 0962</td>
<td>Pigment Yellow 138</td>
<td>56300</td>
<td>quinophththalone yellow</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Yellow 1100</td>
<td>Pigment Yellow 184</td>
<td>771740</td>
<td>bismuth vanadate</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Yellow 1256</td>
<td>Pigment Yellow 74</td>
<td>11741</td>
<td>arylide yellow</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Yellow 1916</td>
<td>Pigment Yellow 42</td>
<td>77492 (transparent)</td>
<td>iron oxide hydrate, transparent</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Yellow 1995</td>
<td>Pigment Yellow 42</td>
<td>77492</td>
<td>iron oxide hydrate, opaque</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Red 2817</td>
<td>Pigment Red 101</td>
<td>77491 (transparent)</td>
<td>iron[III] oxide, transparent</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Brown 2915</td>
<td>Pigment Red 101</td>
<td>77491 (transparent)</td>
<td>iron[III] oxide, semi-transparent</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Orange 2930</td>
<td>Pigment Orange 67</td>
<td>12915</td>
<td>pyrazolo quinazolone</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Orange 3111</td>
<td>Pigment Orange 5</td>
<td>12075</td>
<td>Naphthol orange</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Red 3370</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td>iron[III] oxide, opaque</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Red 3855</td>
<td>Pigment Red 112</td>
<td>12370</td>
<td>Naphthol AS red</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Red 3860</td>
<td>Pigment Red 254</td>
<td>56110</td>
<td>diketo-pyrrolo-pyrrole</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Magenta 4790</td>
<td>Pigment Red 122</td>
<td>73915</td>
<td>quinacridone</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Violet 5894</td>
<td>Pigment Violet 23</td>
<td>51319</td>
<td>dioxazine violet</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Blue 6900</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Blue 7080</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td></td>
</tr>
</tbody>
</table>
### Colorants for the coatings industry – pigment preparations – aqueous preparations

**Luconyl® NG preparations**

<table>
<thead>
<tr>
<th>Luconyl® NG Green 8730</th>
<th>Pigment Green 7</th>
<th>74260</th>
<th>Cu phthalocyanine, halogenated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luconyl® NG Green 9360</td>
<td>Pigment Green 36</td>
<td>74265</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigment preparations – solvent-based preparations

**Sicoflush® L preparations**

preparations of organic and inorganic pigments in very broadly compatible binders (long-chain alkyd resin); suitable for practically all solvent-based coatings and for tinters

physical form: highly concentrated free-flowing pastes

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicoflush® L Black 0054</td>
<td>Pigment Black 7</td>
<td>carbon black</td>
</tr>
<tr>
<td>Sicoflush® L Black 0063</td>
<td>Pigment Black 7</td>
<td>carbon black</td>
</tr>
<tr>
<td>Sicoflush® L Yellow 1916 C 4</td>
<td>Pigment Yellow 42</td>
<td>iron oxide hydrate, transparent</td>
</tr>
<tr>
<td>Sicoflush® L Orange 2416 C 4</td>
<td></td>
<td>iron[III] oxide/iron oxide hydrate, transparent</td>
</tr>
<tr>
<td>Sicoflush® L Red 2817 C 4</td>
<td>Pigment Red 101</td>
<td>iron[III] oxide, transparent</td>
</tr>
</tbody>
</table>
Colorants for the coatings industry – pigment preparations – solvent-based preparations

**Sicoflush® P preparations**

preparations of organic and inorganic pigments in very broadly compatible binders (special aldehyde resin); suitable for practically all solvent-based coatings and for tinters

physical form: highly concentrated free-flowing pastes

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Part 1</th>
<th>Part 2</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicoflush® P Black 0054</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Yellow 1916</td>
<td>Pigment Yellow 42</td>
<td>77492 (transparent)</td>
<td>iron oxide hydrate, transparent</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Red 2817</td>
<td>Pigment Red 101</td>
<td>77491 (transparent)</td>
<td>iron[III] oxide, transparent</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Red 3855</td>
<td>Pigment Red 112</td>
<td>12370</td>
<td>Naphthol AS red</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Maroon 4763</td>
<td>Pigment Red 52:2</td>
<td>15860:2</td>
<td>BON maroon, Mn lake</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Violet 5890</td>
<td>Pigment Violet 23</td>
<td>51319</td>
<td>dioxazine violet</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Blue 6880</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Green 8730</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
<td></td>
</tr>
</tbody>
</table>
## Colorants for the coatings industry – soluble dyes – liquid dyes

### Basantol® dyes

Highly concentrated, stable liquid anionic dyes for aqueous wood stains that are fast to overcoating; miscible with water and blends consisting of water/alcohol/glycol

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basantol® Black X82 liquid</td>
<td>Acid Black 194</td>
<td>azo/1:2 Cr complex</td>
</tr>
<tr>
<td>Basantol® Yellow 099 liquid</td>
<td>Acid Yellow 5</td>
<td>quinoline</td>
</tr>
<tr>
<td>Basantol® Yellow 215 liquid</td>
<td>Acid Yellow 204</td>
<td>azo/1:2 Co complex</td>
</tr>
<tr>
<td>Basantol® Brown 269 liquid</td>
<td>Acid Brown 355</td>
<td>azo/1:2 Cr complex</td>
</tr>
<tr>
<td>Basantol® Orange 273 liquid</td>
<td>Acid Orange 142</td>
<td>azo/1:2 Cr complex</td>
</tr>
<tr>
<td>Basantol® Red 311 liquid</td>
<td>Acid Red 357</td>
<td>azo/1:2 Cr complex</td>
</tr>
<tr>
<td>Basantol® Bordeaux 415 liquid</td>
<td>Acid Violet 90 18762</td>
<td>azo/1:2 Cr complex</td>
</tr>
<tr>
<td>Basantol® Blue 762 liquid</td>
<td>Direct Blue 199 74190</td>
<td>Cu phthalocyanine</td>
</tr>
</tbody>
</table>
**Colorants for the coatings industry – soluble dyes – liquid dyes**

**Basantol® U dyes**

Highly concentrated, stable liquid metal-complex dyes for aqueous solvent-based wood stains, can be diluted with blends of ethanol/Solvenon® PM/acetone, outstanding resistance to overcoating with water-based coating systems.

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basantol® U Black X84 liquid</td>
<td>Acid Black 63</td>
<td>azo/2:1 Cr complex</td>
</tr>
<tr>
<td>Basantol® U Yellow 145 liquid</td>
<td>Acid Yellow 59</td>
<td>azo/2:1 Cr complex</td>
</tr>
<tr>
<td>Basantol® U Yellow 155 liquid</td>
<td>Acid Yellow 119</td>
<td>azo/2:1 Co complex</td>
</tr>
<tr>
<td>Basantol® U Orange 255 liquid</td>
<td>Acid Orange 89</td>
<td>azo/2:1 Cr complex</td>
</tr>
<tr>
<td>Basantol® U Red 345 liquid</td>
<td>Acid Red 226</td>
<td>azo/2:1 Cr complex</td>
</tr>
<tr>
<td>Basantol® U Blue 745 liquid</td>
<td>Acid Violet 74</td>
<td>azo/2:1 Co complex</td>
</tr>
</tbody>
</table>
**Colorants for the coatings industry – soluble dyes – powder dyes**

**Neozapon®**

Metal-complex dyes (powder) with good to very good solubility in polar solvents, almost insoluble in water for solvent-based wood stains based on alcohols, ketones, esters, glycol ethers etc. as well as transparent air-drying and baking finishes of all types.

Physical form: powder or coarse powder.

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Black X51</td>
<td>Solvent Black 27</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Black X55</td>
<td>Solvent Black 29</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Yellow 081</td>
<td>Solvent Yellow 79</td>
<td>1:1 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Yellow 141</td>
<td>Solvent Yellow 81</td>
<td>1:1 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Yellow 157</td>
<td>Solvent Yellow 82</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Orange 245</td>
<td>Solvent Orange 56</td>
<td>1:1 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Orange 251</td>
<td>Solvent Orange 54</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Orange 272</td>
<td>Solvent Orange 99</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Brown 322</td>
<td>Solvent Brown 42</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Red 335</td>
<td>Solvent Red 122</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Red 355</td>
<td>Solvent Red 119</td>
<td>1:2 Cr complex, color salt</td>
</tr>
<tr>
<td>Neozapon® Red 365</td>
<td>Solvent Red 160</td>
<td>1:2 Cr complex, color salt</td>
</tr>
<tr>
<td>Neozapon® Red 395</td>
<td>Solvent Red 122</td>
<td>(similar) 1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Red 471</td>
<td>Solvent Red 118</td>
<td>1:2 Co complex</td>
</tr>
<tr>
<td>Neozapon® Pink 478</td>
<td>Solvent Red 127</td>
<td>1:1 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Blue 807</td>
<td>Solvent Blue 70</td>
<td>Cu phthalocyanine</td>
</tr>
<tr>
<td>Neozapon® Green 975</td>
<td></td>
<td>Cu phthalocyanine+1:1 Cr complex</td>
</tr>
</tbody>
</table>
**colorants and light stabilizers for the plastics industry – pigments – organic pigments**

**Heliogen® pigments**

copper phthalocyanine blue and green pigments

Letters following the numerical code denote special properties:
D = easily dispersible  
FP = certified filter pressure value  
LW = low warping

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heliogen® Blue K 6850</td>
<td>Pigment Blue 15</td>
<td>74160 Cu phthalocyanine, alpha unstable</td>
</tr>
<tr>
<td>Heliogen® Blue K 6902</td>
<td>Pigment Blue 15:1</td>
<td>74160 Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Heliogen® Blue K 6907</td>
<td>Pigment Blue 15:1</td>
<td>74160 Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Heliogen® Blue K 6911 D</td>
<td>Pigment Blue 15:1</td>
<td>74160 Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Heliogen® Blue K 6911 FP</td>
<td>Pigment Blue 15:1</td>
<td>74160 Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Heliogen® Blue K 7090</td>
<td>Pigment Blue 15:3</td>
<td>74160 Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Heliogen® Blue K 7090 FP</td>
<td>Pigment Blue 15:3</td>
<td>74160 Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Heliogen® Blue K 7104 LW</td>
<td>Pigment Blue 15:4</td>
<td>74160 Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Heliogen® Green K 8605</td>
<td>Pigment Green 7</td>
<td>74260 Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green K 8683</td>
<td>Pigment Green 7</td>
<td>74260 Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green K 8730</td>
<td>Pigment Green 7</td>
<td>74260 Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green K 8730 FP</td>
<td>Pigment Green 7</td>
<td>74260 Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green K 8740 LW</td>
<td>Pigment Green 7</td>
<td>74260 Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green K 9360</td>
<td>Pigment Green 36</td>
<td>74265 Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – organic pigments

Lithol® pigments

economical organic pigments with a moderate, some grades with a good, standard of fastness

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithol® Red K 3690</td>
<td>Pigment Red 53:3</td>
<td>15585:3</td>
<td>Naphthol red, Sr lake</td>
<td></td>
</tr>
<tr>
<td>Lithol® Scarlet K 4165</td>
<td>Pigment Red 48:3</td>
<td>15865:3</td>
<td>BON red 2 B, Sr lake</td>
<td></td>
</tr>
</tbody>
</table>
Pigments, pigment preparations, dyes and light stabilizers for coatings, plastics, printing inks and specialty industries

Section 2 – Product survey

Colorants and light stabilizers for the plastics industry – pigments – organic pigments

Paliogen® pigments

Organic pigments of various chemical compositions with a high standard of fastness

Letters following the numerical code denote special properties:

HD = good hiding power and easily dispersible

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th></th>
<th></th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paliogen® Red K 3580</td>
<td></td>
<td>Pigment Red 149</td>
<td>71137</td>
<td>perylene</td>
</tr>
<tr>
<td>Paliogen® Red K 3911 HD</td>
<td></td>
<td>Pigment Red 178</td>
<td>71155</td>
<td>perylene</td>
</tr>
<tr>
<td>Paliogen® Red K 4180</td>
<td></td>
<td>Pigment Red 179</td>
<td>71130</td>
<td>perylene</td>
</tr>
<tr>
<td>Paliogen® Red Violet K 5011</td>
<td></td>
<td>Pigment Violet 29</td>
<td>71129</td>
<td>perylene</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – organic pigments

Paliotol® pigments

organic pigments of various chemical compositions with good to very good fastness properties in many applications

Letters following the numerical code denote special properties:
FP = certified filter pressure value
H = good hiding power
HD = good hiding power and easily dispersible

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paliotol® Yellow K 0940</td>
<td></td>
<td></td>
<td></td>
<td>quinophthalone yellow</td>
</tr>
<tr>
<td>Paliotol® Yellow K 0961 HD</td>
<td></td>
<td></td>
<td></td>
<td>quinophthalone yellow</td>
</tr>
<tr>
<td>Paliotol® Yellow K 1090</td>
<td></td>
<td></td>
<td></td>
<td>quinophthalone yellow</td>
</tr>
<tr>
<td>Paliotol® Yellow K 1700</td>
<td>Pigment Yellow 183</td>
<td>18792 (similar)</td>
<td>azo</td>
<td></td>
</tr>
<tr>
<td>Paliotol® Yellow K 1841</td>
<td>Pigment Yellow 139</td>
<td>56298</td>
<td>isoidoline yellow</td>
<td></td>
</tr>
<tr>
<td>Paliotol® Yellow K 1841 FP</td>
<td></td>
<td></td>
<td></td>
<td>isoidoline yellow</td>
</tr>
<tr>
<td>Paliotol® Yellow K 2142 H</td>
<td></td>
<td></td>
<td></td>
<td>isoidoline yellow</td>
</tr>
<tr>
<td>Paliotol® Yellow K 2270</td>
<td>Pigment Yellow 183</td>
<td>18792</td>
<td>azo</td>
<td></td>
</tr>
<tr>
<td>Paliotol® Orange K 2920</td>
<td>Pigment Orange 79</td>
<td>–</td>
<td>azo</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – organic pigments

Rightfit® pigments

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
</tr>
<tr>
<td>Rightfit® Yellow K 1994</td>
<td>Pigment Yellow 62</td>
<td>13940</td>
</tr>
<tr>
<td>Rightfit® Red K 3790</td>
<td>Pigment Red 276</td>
<td>–</td>
</tr>
<tr>
<td>Rightfit® Red K 4350</td>
<td>Pigment Red 277</td>
<td>–</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – inorganic pigments

Sicomin® pigments

chrome yellow and molybdate orange pigments for the coloration of PVC for a variety of applications, grades with a suffix “S” in their names are resistant to sulfur dioxide

Please note the restrictions imposed on the use of lead pigments in many countries.

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
</tr>
<tr>
<td>Sicomin® Yellow K 1630 S</td>
<td>Pigment Yellow 34</td>
<td>77603</td>
</tr>
<tr>
<td>Sicomin® Yellow K 1922</td>
<td>Pigment Yellow 34</td>
<td>77603</td>
</tr>
<tr>
<td>Sicomin® Yellow K 1925</td>
<td>Pigment Yellow 34</td>
<td>77603</td>
</tr>
<tr>
<td>Sicomin® Red K 3023</td>
<td>Pigment Red 104</td>
<td>77605</td>
</tr>
<tr>
<td>Sicomin® Red K 3030 S</td>
<td>Pigment Red 104</td>
<td>77605</td>
</tr>
<tr>
<td>Sicomin® Red K 3130 S</td>
<td>Pigment Red 104</td>
<td>77605</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – inorganic pigments

Sicopal® pigments

lead- and chromate-free inorganic pigments with good gloss and hiding power; excellently suitable for injection-molded or extruded parts for outdoor application; optimum fastness to weathering both in pure shade and when highly reduced with white

physical form: powder or fine granules (suffix “FG”)

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicopal® Black K 0090</td>
<td>Pigment Black 27 77502</td>
<td>Co/Cr/Fe/Mn oxide</td>
</tr>
<tr>
<td>Sicopal® Black K 0095</td>
<td>Pigment Brown 29 77500</td>
<td>Cr/Fe oxide</td>
</tr>
<tr>
<td>Sicopal® Yellow K 1120 FG</td>
<td>Pigment Yellow 184 771740</td>
<td>bismuth vanadate</td>
</tr>
<tr>
<td>Sicopal® Yellow K 1160 FG</td>
<td>Pigment Yellow 184 771740</td>
<td>bismuth vanadate</td>
</tr>
<tr>
<td>Sicopal® Brown K 2595</td>
<td>Pigment Brown 31 77496</td>
<td>Zn/Fe oxide</td>
</tr>
<tr>
<td>Sicopal® Brown K 2795 FG</td>
<td>Pigment Brown 29 77500</td>
<td>Cr/Fe oxide</td>
</tr>
<tr>
<td>Sicopal® Blue K 6210</td>
<td>Pigment Blue 28 77346</td>
<td>Co/Al oxide</td>
</tr>
<tr>
<td>Sicopal® Blue K 6310</td>
<td>Pigment Blue 28 77346</td>
<td>Co/Al oxide</td>
</tr>
<tr>
<td>Sicopal® Blue K 6710</td>
<td>Pigment Blue 36 77343</td>
<td>Co/Al/Cr oxide</td>
</tr>
<tr>
<td>Sicopal® Blue K 7210</td>
<td>Pigment Blue 36 77343</td>
<td>Co/Al/Cr oxide</td>
</tr>
<tr>
<td>Sicopal® Green K 9110</td>
<td>Pigment Green 50 77377</td>
<td>Co/Li/Ti oxide</td>
</tr>
<tr>
<td>Sicopal® Green K 9610</td>
<td>Pigment Green 50 77377</td>
<td>Co/Ti/Ni/Zn oxide</td>
</tr>
<tr>
<td>Sicopal® Green K 9710</td>
<td>Pigment Green 50 77377</td>
<td>Co/Ti/Ni/Zn oxide</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – inorganic pigments

Sicotan® pigments

complex inorganic chromatic pigments with rutile structure (nickel, manganese and chromium titanium yellow), excellent fastness to light, weathering and chemicals as well as very good thermal stability, even in white reductions (pastel shades)

In combination with organic pigments, they produce economic yellow, orange and red shades with good hiding power.

physical form: powder or fine granules (suffix “FG”)

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicotan® Yellow K 1010</td>
<td>Pigment Yellow 53</td>
<td>77788</td>
<td>Ni/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 1010 FG</td>
<td>Pigment Yellow 53</td>
<td>77788</td>
<td>Ni/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 1011</td>
<td>Pigment Yellow 53</td>
<td>77788</td>
<td>Ni/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 1011 FG</td>
<td>Pigment Yellow 53</td>
<td>77788</td>
<td>Ni/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2001</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2001 FG</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2011</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2011 FG</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2111</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2111 FG</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2112</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2112 FG</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Orange K 2383</td>
<td>Pigment Yellow 163</td>
<td>77897</td>
<td>Cr/W/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Brown K 2611</td>
<td>Pigment Yellow 164</td>
<td>77899</td>
<td>Mn/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Brown K 2711</td>
<td>Pigment Yellow 164</td>
<td>77899</td>
<td>Mn/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Brown K 2750 FG</td>
<td>Pigment Yellow 164</td>
<td>77899</td>
<td>Mn/Sb/Ti oxide</td>
<td></td>
</tr>
</tbody>
</table>
**colorants and light stabilizers for the plastics industry – pigments – inorganic pigments**

**Sicotrans® pigments**

transparent iron oxide pigments with extremely low particle size for highly transparent plastics colorations with excellent resistance to weathering – good absorption of UV radiation yields additional protection

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicotrans® Red K 2819</td>
<td>Pigment Red 101 77491</td>
<td>iron[III] oxide, transparent</td>
</tr>
<tr>
<td>Sicotrans® Red K 2915</td>
<td>Pigment Red 101 77491</td>
<td>iron[III] oxide, semi-transparent</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® pearlescent pigments are mica platelets coated with titanium dioxide and/or iron oxide that provide both color and exciting visual effects to a variety of coatings, plastics and printing ink applications.

These unique BASF luster pigments are transparent and reflect light because of their smooth surfaces and high index of refraction. Light reflected from the platelets creates a sense of depth and a luster that varies with particle size – smaller particles impart a satin sheen while larger particles create a more sparkly or glitter-like effect. Some Mearlin® special effect pigments have a multiple color play and dynamic color travel or "flop" in which the color changes with the viewing angle. Although these pigments are non-metallic, they can give finishes a metallic look. And all Mearlin® pigments are totally non-reactive and nontoxic.

Mearlin luster pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® CFS Bright Silver 1303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro White 139M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright White 139X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Silver 139Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Gold 2303M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Gold 2303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Brass 2323V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Brass 2329V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Brass 2329Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Gold 239V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Gold 239X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Gold 239Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Bronze 249X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Bronze 2503M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Bronze 2503V</td>
<td></td>
</tr>
</tbody>
</table>
**Mearlin® pearlescent pigments**

<table>
<thead>
<tr>
<th>Pigment Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® Super Bronze 259Z</td>
</tr>
<tr>
<td>Mearlin® CFS Micro Brass 2623M</td>
</tr>
<tr>
<td>Mearlin® CFS Fine Orange 3303V</td>
</tr>
<tr>
<td>Mearlin® CFS Super Orange 3303Z</td>
</tr>
<tr>
<td>Mearlin® Bright Orange 3339X</td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Orange 339X</td>
</tr>
<tr>
<td>Mearlin® Super Orange 339Z</td>
</tr>
<tr>
<td>Mearlin® Bright Copper 349X</td>
</tr>
<tr>
<td>Mearlin® CFS Micro Copper 3503M</td>
</tr>
<tr>
<td>Mearlin® CFS Super Copper 3503Z</td>
</tr>
<tr>
<td>Mearlin® Fine Copper 359V</td>
</tr>
<tr>
<td>Mearlin® Super Copper 359Z</td>
</tr>
<tr>
<td>Mearlin® CFS Fine Red 4303V</td>
</tr>
<tr>
<td>Mearlin® CFS Super Red 4303Z</td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Red 439X</td>
</tr>
<tr>
<td>Mearlin® Super Red 439Z</td>
</tr>
<tr>
<td>Mearlin® CFS Micro Russet 4503M</td>
</tr>
<tr>
<td>Mearlin® CFS Super Russet 4503Z</td>
</tr>
<tr>
<td>Mearlin® Fine Russet 459V</td>
</tr>
<tr>
<td>Mearlin® Super Russet 459Z</td>
</tr>
<tr>
<td>Mearlin® CFS Fine Violet 5303V</td>
</tr>
<tr>
<td>Mearlin® CFS Super Violet 5303Z</td>
</tr>
<tr>
<td>Mearlin® Fine Violet 539V</td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Violet 539X</td>
</tr>
<tr>
<td>Mearlin® Super Violet 539Z</td>
</tr>
<tr>
<td>Mearlin® CFS Micro Blue 6303M</td>
</tr>
<tr>
<td>Mearlin® CFS Super Blue 6303Z</td>
</tr>
<tr>
<td>Mearlin® Fine Blue 639V</td>
</tr>
</tbody>
</table>
### colorants and light stabilizers for the plastics industry – pigments – effect pigments

**Mearlin® pearlescent pigments**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® Hi-Lite Blue 639X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Blue 639Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Blue Russet 659Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Blue Green 7289Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Green 8289X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Green 8303M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Green 8303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Green 839V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Green 839Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Satin White 9130 F</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro Russet 9150M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Gold 9220J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Brass 9222J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Brass 9232Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Bronze 9250Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Bronze 9250J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Mica Gold 9260M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro Brass 9262M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Sparkle 9320J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Orange 9330Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Copper 9350J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro Copper 9350M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Copper 9350Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Red 9420J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Russet 9450J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Russet 9450Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Violet 9520J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Violet 9530Z</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – effect pigments

**Mearlin® pearlescent pigments**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® Sparkle Blue 9620J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Blue Russet 9650Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro Blue 9660M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Sparkle Green 9820J</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro Green 9860M</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – effect pigments

MagnaPearl® effect pigments

MagnaPearl® pearlescent pigments are specially engineered to deliver superior whiteness, brilliance and hiding. Available in a variety of particle sizes, they create extraordinary optical effects ranging from a fine-grained luster to a bold silvery-white sparkle.

Made of mica platelets coated with titanium dioxide, MagnaPearl® pigments are free of solvents and heavy metals. The MagnaPearl® 1000, 2000, 3000, 4000 and 5000 series include grades coated with titanium dioxide crystals in either anatase or rutile form. Grades containing rutile crystals tend to have higher luster, coverage and whiteness, while grades containing anatase crystals are free of tin. Surface-treated MagnaPearl® pigments are available to prevent yellowing in plastics applications.

MagnaPearl® pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>MagnaPearl® 1100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 4000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 5000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 1000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 1103</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 2103</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2300</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 3000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 3100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 3103</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – effect pigments

MicroPearl effect pigments

MicroPearl mica-based effect pigments offer the depth of conventional pearlescent finishes and the texture of solid colors. Due to their very fine particle size distribution, MicroPearl pigments provide increased hiding in coating and ink applications.

Available in a broad color palette, MicroPearl pigments come in two main product categories: coated with titanium dioxide to create a subtle two-tone effect that changes with the viewing angle, or coated with iron oxide for a metallic appearance.

Exterior grades, CFS-treated, are available.
colorants and light stabilizers for the plastics industry – pigments – effect pigments

Black Olive™ effect pigment

Black Olive™ pigment is a black, mica-based effect pigment with champagne undertones. This revolutionary product actually extends the range of absorption colors possible with mica-based pigments to brown-black shades.

Until now, only green, pale gold and russet-red absorption colors have been available. Black Olive™ pigment’s unique brown-black color space makes it ideal for shading neutral colors, helping make gun metals and silvers and adding an unusually bright face to dark-shade metallic colors.

Black Olive™ also can be used in conjunction with other special effect pigments to extend the palette of effects.

Black Olive™ pigment can be used in many diverse interior coatings, plastics and ink applications, including:

- molded-in plastic or coatings for electronic equipment
- appliances
- sporting goods and packaging
- specialty decorative coatings and inks
- coatings and inks for leather goods
- solid-surface applications (i.e., countertops and flooring)

Based on a unique chemistry that produces a black, lustrous, pearlescent finish, Black Olive™ pigment adds depth and luster to water-based, solvent-based and powder coatings. And given its unique color space, Black Olive™ pigment can create novel effects in molded plastic products.

Black Olive™ pigment for exterior use is engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes it ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Olive™ 90C0Z</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – effect pigments

Firemist® effect pigments

Firemist® patented borosilicate-based pigments bring products to life with brilliant color and glittering effects. These advanced pigments, which create an exceptionally high visual impact, are specially formulated to out-perform traditional pearlescent pigments in chroma, color purity, brightness, transparency and reflectivity.

Firemist® pigments give designers and formulators a spectrum of advanced optical effects to work with.

For example, their smooth surface and larger particle size create a brilliant, starlike glitter, and blends of Firemist® pigments create true multicolor effects (individual colors come through because the pigments’ exceptional transparency and chroma overcome the addition effects that gray-out normal pearls). Firemist® pigments also enhance the feeling of depth in coatings and plastics applications beyond that possible with mica-based pearls, because the borosilicate flakes promote light penetration. They are ideal for automotive trim applications such as powder coatings or plastic and leather coatings, and can be used in many other applications as well.

Firemist® pigments match the color palette of other pearls and work well with transparent organic colorants because of their flakes’ high transparency. They also are approved for food contact, making them ideal for food packaging applications.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firemist® Pearl 9G130L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Gold 9G230L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Red 9G430L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Violet 9G530L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Blue 9G630L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Turquoise 9G730L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Green 9G830L</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – effect pigments

Lumina® effect pigments

Lumina® pigments are mica-based effect pigments that create intriguing and dramatic visual effects in a wide variety of applications.

Lumina® colors feature increased chromaticity at the reflection angle and higher color purity and clarity than traditional interference colors. The result is cleaner shades, more saturated colors and stronger flip-flop effects in coatings, plastics and inks.

For example, in solvent- and water-based coating applications, Lumina® pigments’ enhanced reflection creates the look of a three-coat effect in only two coats. Lumina® pigments enhance labels for luxury packaging and other luxury products. And in plastics applications, including injection molding, blow molding and extrusion processing, Lumina® pigments create multi-optical effects when combined with other effect or color pigments.

Lumina® pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

Like other mica-based effect pigments, all Lumina® pigments are non-reactive, non-metallic and non-tarnishing.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumina® Gold 9130D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Brass 9232D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Copper 9350D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Russet 9450D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Red Blue 9830D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Aqua Blue 9A30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Green 9G30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Red 9R30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Turquoise 9T30D</td>
<td></td>
</tr>
</tbody>
</table>
**colorants and light stabilizers for the plastics industry – pigments – effect pigments**

**Mearlite® effect pigments**

Mearlite® luster pigments impart a range of optical effects from a soft, satin luster to a sharp, metallic brilliance in plastics, coatings and inks. These effects are due to plate-like crystals of bismuth oxychloride that have a silver-white and transparent appearance.

Mearlite® pigments are available as dispersions in a variety of vehicles (e.g., alkyd, acrylic and cellulose nitrate) compatible with dip or spray coatings, inks and plastics resin systems. When used alone in spray coatings, Mearlite® pigments create a simulated pearl finish. When used as a reflective surface under transparent color coatings, they provide a candy apple effect. Mearlite® pigments also can create intense, lustrous colors when combined with organic pigments or dyes.

Mearlite® Ultra Bright grade provides the highest brilliance of any synthetic pearlescent pigment. It is the most widely used Mearlite® grade for coatings, inks and polyester castings.

Mearlite® Radiant Pearl combines the brilliance of Ultra Bright pigments with a surface treatment to reduce darkening by ultraviolet light. When formulated with UV absorbers, this grade is well-suited for exterior coatings.

Mearlite® Ultra Fine balances high luster and small particle size for use where larger pearlescent pigments cannot be applied.

<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlite® Radiant Pearl SSQ</td>
<td></td>
</tr>
<tr>
<td>Mearlite® Ultra Bright</td>
<td></td>
</tr>
<tr>
<td>Mearlite® Ultra Fine</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – effect pigments

Dynacolor® effect pigments

Dynacolor® pearlescent pigments are specially engineered to add dramatic visual effects and a high degree of color purity and intensity coatings, printing inks and plastics.

As interference-type pigments, Dynacolor® grades exhibit a two-color play. The interference color occurs at the specular angle, while the absorption appears at the flop angle or diffuse angle. This effect is especially desirable in coating finishes when simulating a three-coat effect with only two coats.

In addition to their attractive appearance, Dynacolor® pigments also offer important production benefits such as ease of dispersion and reduced color bleed and migration. With the colorant already deposited on the pigment substrate, there is no need to add it separately. The constant colorant-to-particle ratio also promotes more predictable end-use results.

BASF offers many Dynacolor® pigments for a wide variety of dramatic effects. Dynacolor® exterior pigments are chemically treated to maximize their durability in outdoor applications.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynacolor® Exterior BY-B 239ZB15AA</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior GY 239ZG7A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior BB 639ZB15C</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior BG 839ZB15A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® BY-B 9239ZB15AA</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® GY 9239ZG7A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® BB 9639ZB15C</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigments – effect pigments

Cyclo® effect pigments

Cyclo® pigments are mica-based effect pigments designed specifically to work with powder coatings, which are used for appliances, architecture and building applications.

Cyclo® pigments are engineered to improve application properties. Because of reduced build-up of pearl pigment on spray gun tips, Cyclo® pigments allow formulators to raise the amount of pearl in powder coating formulations. This offers more flexibility to formulators attempting to match the appearance of liquid coatings, which typically contain higher levels of pearl pigments.
colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Eupolen® PE preparations (powder)

highly concentrated, fully dispersed mono-pigment PO-based concentrates for the manufacture of masterbatches and for direct coloring, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: low-dusting, free-flowing powder

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PE Black 00-6001</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Yellow 09-6101</td>
<td>Pigment Yellow 138</td>
<td>56300</td>
<td>quinophthalone yellow</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Yellow 11-5501</td>
<td>Pigment Yellow 185</td>
<td>56290</td>
<td>isoindoline yellow</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Yellow 17-0001</td>
<td>Pigment Yellow 183</td>
<td>18792 (similar)</td>
<td>azo (Ca/Na)</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Yellow 18-4101</td>
<td>Pigment Yellow 139</td>
<td>56298</td>
<td>isoindoline yellow</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Yellow 22-7001</td>
<td>Pigment Yellow 183</td>
<td>18792</td>
<td>azo</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Red 34-3001</td>
<td>Pigment Red 254</td>
<td>56110</td>
<td>diketo-pyrrolo-pyrrole</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Red 39-1101</td>
<td>Pigment Red 178</td>
<td>71155</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Red 41-6001</td>
<td>Pigment Red 48:3</td>
<td>15865:3</td>
<td>BON red 2 B, Sr lake</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Red 47-9001</td>
<td>Pigment Red 122</td>
<td>73915</td>
<td>quinacridone</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Violet 58-9001</td>
<td>Pigment Violet 23</td>
<td>51319</td>
<td>dioxazine violet</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Blue 69-1501</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Blue 69-2001</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Blue 70-9001</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Blue 70-9101</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Blue 71-0401</td>
<td>Pigment Blue 15:4</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3001</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Green 93-6001</td>
<td>Pigment Green 36</td>
<td>74265</td>
<td>Cu phthalocyanine, halogenated</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Eupolen® PE preparations (micro pellets)

highly concentrated, fully dispersed mono-pigment PO-based concentrates for the manufacture of masterbatches and for direct coloring, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: non-dusting micro pellets

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PE Yellow 09-6104</td>
<td></td>
<td>56300</td>
<td></td>
<td>quinophthalone yellow</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 11-5504</td>
<td></td>
<td>56290</td>
<td></td>
<td>isoindoline yellow</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 22-7004</td>
<td></td>
<td>18792</td>
<td></td>
<td>azo</td>
</tr>
<tr>
<td>Eupolen® PE Red 39-1104</td>
<td></td>
<td>71155</td>
<td></td>
<td>perylene</td>
</tr>
<tr>
<td>Eupolen® PE Blue 69-2004</td>
<td></td>
<td>74160</td>
<td></td>
<td>Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Eupolen® PE Blue 70-9004</td>
<td></td>
<td>74160</td>
<td></td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Eupolen® PE Blue 71-0404</td>
<td></td>
<td>74160</td>
<td></td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3004</td>
<td></td>
<td>74260</td>
<td></td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

**Eupolen® PE preparations (standard pellets)**

highly concentrated, fully dispersed mono-pigment PO-based concentrates for the manufacture of masterbatches and for direct coloring, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: cylindrical pellets

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PE Black 00-6005</td>
<td>Pigment Black 7 77266</td>
<td>carbon black</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 18-4105</td>
<td>Pigment Yellow 139 56298</td>
<td>isoindoline yellow</td>
</tr>
<tr>
<td>Eupolen® PE Brown 29-1505</td>
<td>Pigment Red 101 77491</td>
<td>iron[III] oxide, semi-transparent</td>
</tr>
<tr>
<td>Eupolen® PE Scarlet 37-0005</td>
<td>Pigment Red 48:1 15865:1</td>
<td>BON red 2 B, Ba lake</td>
</tr>
<tr>
<td>Eupolen® PE Red 41-6505</td>
<td>Pigment Red 48:3 15865:3</td>
<td>BON red 2 B, Sr lake</td>
</tr>
<tr>
<td>Eupolen® PE Scarlet 43-0005</td>
<td>Pigment Red 48:4 15865:4</td>
<td>BON red 2 B, Mn lake</td>
</tr>
<tr>
<td>Eupolen® PE Scarlet 44-6105</td>
<td>Pigment Red 48:2 15865:2</td>
<td>BON red 2 B, Ca lake</td>
</tr>
<tr>
<td>Eupolen® PE Violet 58-9005</td>
<td>Pigment Violet 23 51319</td>
<td>dioxazine violet</td>
</tr>
<tr>
<td>Eupolen® PE Blue 64-7005</td>
<td>Pigment Blue 60 69800</td>
<td>indanthrone blue</td>
</tr>
<tr>
<td>Eupolen® PE Blue 69-2005</td>
<td>Pigment Blue 15:1 74160</td>
<td>Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Eupolen® PE Blue 70-9005</td>
<td>Pigment Blue 15:3 74160</td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3005</td>
<td>Pigment Green 7 74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
**colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations**

**Eupolen® PP preparations**

optimum-concentrated, fully dispersed mono-pigment concentrates based on polypropylene (PP) for the manufacture of masterbatches and for direct coloring of, in particular, films and fibers, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: non-dusting, free-flowing cylindrical pellets

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PP Black 00-6005</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Yellow 09-6105</td>
<td>Pigment Yellow 138</td>
<td>56300</td>
<td>quinophthalone yellow</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Yellow 18-4105</td>
<td>Pigment Yellow 139</td>
<td>56298</td>
<td>isoindoline yellow</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Red 35-8005</td>
<td>Pigment Red 149</td>
<td>71137</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Red 37-8005</td>
<td>Pigment Red 144</td>
<td>20735</td>
<td>azo</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Red 41-6005</td>
<td>Pigment Red 48:3</td>
<td>15865:3</td>
<td>BON red 2 B, Sr lake</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Red 41-8005</td>
<td>Pigment Red 179</td>
<td>71130</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Scarlet 44-6105</td>
<td>Pigment Red 48:2</td>
<td>15865:2</td>
<td>BON red 2 B, Ca lake</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Violet 50-1105</td>
<td>Pigment Violet 29</td>
<td>71129</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Blue 69-2005</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Blue 70-9005</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Green 87-3005</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

**Eupolen® PA preparations**

optimum-concentrated, fully dispersed mono-pigment concentrates based on polyamide (PA) for the manufacture of masterbatches and for direct coloring of, in particular, films and fibers, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: non-dusting, free-flowing cylindrical pellets

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PA Black 00-6305</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Yellow 12-7005</td>
<td>Pigment Yellow 150</td>
<td>12764</td>
<td>azo-nickel complex</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Yellow 21-0705</td>
<td>Pigment Brown 24</td>
<td>77310</td>
<td>Cr/Sb/Ti oxide</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Brown 30-9705</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td>iron[III] oxide</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Brown 30-9715</td>
<td>Pigment Red 101</td>
<td>77491</td>
<td>iron[III] oxide</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Red 35-8005</td>
<td>Pigment Red 149</td>
<td>71137</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Bordeaux 38-8505</td>
<td>Pigment Red 179</td>
<td>71130</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Red 41-8005</td>
<td>Pigment Red 179</td>
<td>71130</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Pink 49-1005</td>
<td>Pigment Red 202</td>
<td>73907</td>
<td>quinacridone</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Violet 50-1105</td>
<td>Pigment Violet 29</td>
<td>71129</td>
<td>perylene</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Violet 57-9005</td>
<td>Pigment Violet 23</td>
<td>51319</td>
<td>dioxazine violet</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Blue 68-1105</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Blue 70-9005</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Green 87-3005</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
<td></td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Euvinyl® preparations

optimum-dispersed mono-pigment concentrates for mass coloration of PVC products in challenging applications, particularly in film applications; plasticizer-free

Euvinyl® C Black 00-8702 and Euvinyl® C Black 00-8802 are preparations of pigments with excellent transparency in the near-infrared range (see functional colorants)

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Euvinyl® Black 00-5402</td>
<td>Pigment Black 7</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
</tr>
<tr>
<td>Euvinyl® C Black 00-5402</td>
<td>Pigment Black 7</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
</tr>
<tr>
<td>Euvinyl® C Black 00-8702</td>
<td>Pigment Yellow 138</td>
<td>Pigment Yellow 139</td>
<td>56300</td>
<td>quinophthalone yellow</td>
</tr>
<tr>
<td>Euvinyl® C Black 00-8802</td>
<td>Pigment Red 178</td>
<td>Pigment Red 178</td>
<td>71155</td>
<td>perylene</td>
</tr>
<tr>
<td>Euvinyl® C Yellow 09-6102</td>
<td>Pigment Yellow 83</td>
<td>Pigment Yellow 83</td>
<td>21108</td>
<td>diarylide yellow</td>
</tr>
<tr>
<td>Euvinyl® C Yellow 18-4102</td>
<td>Pigment Yellow 139</td>
<td>Pigment Yellow 139</td>
<td>56298</td>
<td>isoindoline yellow</td>
</tr>
<tr>
<td>Euvinyl® C Blue 69-0202</td>
<td>Pigment Blue 15:1</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Euvinyl® C Blue 70-8502</td>
<td>Pigment Blue 15:3</td>
<td>Pigment Blue 15:3</td>
<td>74160</td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Euvinyl® C Green 87-3002</td>
<td>Pigment Green 7</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

**Oppasin® preparations**

mono-pigment concentrates of organic pigments for the coloration of rubber mixes and solutions; added together with fillers and vulcanization additives after masticizing; yield chromatic, vivid shades

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index part 1</th>
<th>Colour Index part 2</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oppasin® Black 0060</td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
</tr>
<tr>
<td>Oppasin® Yellow 1351</td>
<td>Pigment Yellow 13</td>
<td>21100</td>
<td>diarylide yellow</td>
</tr>
<tr>
<td>Oppasin® Orange 3050</td>
<td>Pigment Orange 13</td>
<td>21110</td>
<td>pyrazolone</td>
</tr>
<tr>
<td>Oppasin® Scarlet 3700</td>
<td>Pigment Red 48:1</td>
<td>15865:1</td>
<td>BON red 2 B, Ba lake</td>
</tr>
<tr>
<td>Oppasin® Rubine 4630</td>
<td>Pigment Red 57:1</td>
<td>15850:1</td>
<td>BON rubine 4 B, Ca lake</td>
</tr>
<tr>
<td>Oppasin® Blue 6470</td>
<td>Pigment Blue 60</td>
<td>69800</td>
<td>indanthrone blue</td>
</tr>
<tr>
<td>Oppasin® Blue 6900</td>
<td>Pigment Blue 15:1</td>
<td>74160</td>
<td>Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Oppasin® Green 8730</td>
<td>Pigment Green 7</td>
<td>74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – functional colorants – black pigments for solar heat management

Lumogen® black pigments

thermally stable black pigments with high transparency in the (N)IR spectral range for solar energy management and black-on-black laser transmission welding; because of their reduced tendency to absorb energy and heat up, these pigments are suitable for dark colorations for exterior applications in the construction and automotive industries

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumogen® Black FK 4280</td>
<td>perylene</td>
</tr>
<tr>
<td>Lumogen® Black FK 4281</td>
<td>perylene</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – functional colorants – fluorescent dyes

Lumogen® F dyes

High-purity, brilliant fluorescent dyes with very high thermal and light stability in amorphous plastics; suitable for a wide variety of outdoor applications in the road-safety and advertising sectors.

<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumogen® F Yellow 083</td>
<td>perylene</td>
</tr>
<tr>
<td>Lumogen® F Orange 240</td>
<td>perylene</td>
</tr>
<tr>
<td>Lumogen® F Red 305</td>
<td>perylene</td>
</tr>
<tr>
<td>Lumogen® F Violet 570</td>
<td>naphthalimide</td>
</tr>
<tr>
<td>Lumogen® F Blue 650</td>
<td>naphthalimide</td>
</tr>
<tr>
<td>Lumogen® F Green 850</td>
<td>perylene</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – functional colorants – NIR absorbers

Lumogen® IR

NIR absorbers with little inherent color in the visible spectral range and outstanding fastness properties for laser transmission welding of transparent and transparently colored plastics

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumogen® IR 765</td>
<td>quaterrylene</td>
</tr>
<tr>
<td>Lumogen® IR 788</td>
<td>perylene</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – soluble dyes – powder dyes

Thermoplast dyes

High-purity solvent dyes with only a very small proportion of insoluble constituents, for the mass coloration of thermoplastic and thermosetting plastics, e. g., styrene polymers (PS, SB, SAN, ABS), PVC-U, polymethyl methacrylate, cellulose derivatives, polycarbonate and unsaturated polyester

Thermoplast F Yellow 084 fluoresces intensely in daylight.

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplast® Black X70</td>
<td></td>
<td></td>
<td></td>
<td>mixture</td>
</tr>
<tr>
<td>Thermoplast® F Yellow 084</td>
<td>Solvent Green</td>
<td>5</td>
<td>59075</td>
<td>perylene</td>
</tr>
<tr>
<td>Thermoplast® Yellow 104</td>
<td>Solvent Yellow</td>
<td>93</td>
<td>48160</td>
<td>pyrazolone</td>
</tr>
<tr>
<td>Thermoplast® Red 454</td>
<td>Solvent Red 195</td>
<td></td>
<td></td>
<td>monoazo</td>
</tr>
<tr>
<td>Thermoplast® Blue 670</td>
<td>Solvent Blue 35</td>
<td>61554</td>
<td></td>
<td>anthraquinone</td>
</tr>
<tr>
<td>Thermoplast® Blue 684</td>
<td>Solvent Violet 13</td>
<td>60725</td>
<td></td>
<td>anthraquinone</td>
</tr>
</tbody>
</table>
colorants and light stabilizers for the plastics industry – light stabilizers – light stabilizers and sterically hindered amines

**Uvinul® grades**

The ultraviolet component of daylight initiates degradation reactions in polymers, which cause surface damage and deterioration of the mechanical properties. Without light stabilizers such as UV absorbers and sterically hindered amine light stabilizers (HALS), the use of plastics for outdoor applications would be very restricted.

Uvinul® 3000 - 3088 are UV-absorbers that absorb high-energy UV radiation and re-emit it harmlessly as heat.

The degradation of plastics can result in the formation of free radicals that cause further damage to the polymer. Uvinul® grades whose name is suffixed by "H" are sterically hindered amines (HALS) that trap free radicals and render them harmless, thereby preventing further degradation of the polymer.

Upon request, Uvinul® grades can be supplied as batches based on PE, PP and PA.

For details on approvals for food-contact applications and toys, please refer to the individual products' Data sheet on product safety (available from our sales force or from the Internet: www.basf.com/lightstabilizers).

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uvinul® 3000</td>
<td>benzophenone</td>
</tr>
<tr>
<td>Uvinul® 3008</td>
<td>benzophenone</td>
</tr>
<tr>
<td>Uvinul® 3026</td>
<td>benzotriazole</td>
</tr>
<tr>
<td>Uvinul® 3027</td>
<td>benzotriazole</td>
</tr>
<tr>
<td>Uvinul® 3028</td>
<td>benzotriazole</td>
</tr>
<tr>
<td>Uvinul® 3029</td>
<td>benzotriazole</td>
</tr>
<tr>
<td>Uvinul® 3030</td>
<td>cyanoacrylate</td>
</tr>
<tr>
<td>Uvinul® 3033 P</td>
<td>benzotriazole</td>
</tr>
<tr>
<td>Uvinul® 3034</td>
<td>benzotriazole</td>
</tr>
<tr>
<td>Uvinul® 3035</td>
<td>cyanoacrylate</td>
</tr>
<tr>
<td>Uvinul® 3039</td>
<td>cyanoacrylate</td>
</tr>
<tr>
<td>Uvinul® 3040</td>
<td>benzophenone</td>
</tr>
<tr>
<td>Uvinul® 3049</td>
<td>benzophenone</td>
</tr>
<tr>
<td>Uvinul® 3050</td>
<td>benzophenone</td>
</tr>
</tbody>
</table>
## Uvinul® grades

<table>
<thead>
<tr>
<th>Uvinul® Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uvinul® 3088</td>
<td>derivative of cinnamic acid</td>
</tr>
<tr>
<td>Uvinul® 3434 C</td>
<td>mixture HALS/UVA/AO</td>
</tr>
<tr>
<td>Uvinul® 4050 H</td>
<td>sterically hindered amine (monomeric)</td>
</tr>
<tr>
<td>Uvinul® 4077 H</td>
<td>sterically hindered amine (monomeric)</td>
</tr>
<tr>
<td>Uvinul® 4092 H</td>
<td>sterically hindered amine (monomeric)</td>
</tr>
<tr>
<td>Uvinul® 5050 H</td>
<td>sterically hindered amine (oligomeric)</td>
</tr>
<tr>
<td>Uvinul® 5062 H</td>
<td>sterically hindered amine (oligomeric)</td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – pigments – organic pigments

Fanal® pigments

Color salts of basic dyes and inorganic complex acids; they have very high color strength and yield very brilliant shades with medium light fastness, which is strongly influenced by the depth of shade and the inorganic complex acid contained in the pigment.

Fanal® pigments are sensitive to polar solvents and alkalis. This may have an adverse effect on the fastness to light, overcoating, and migration. The fastness to migration is impaired particularly in cases where a polyamide resin is used as the sole binder.

Fanal® Pink D 4810, Fanal® Violet D 6140 and Fanal® Blue D 6380 may, unless countermeasures are taken, have a catalytic effect on oxidation processes, e.g., accelerate drying, impair the shelf life of printing inks, as well as cause odor formation in polyamide-resin printing inks and softening of the ink film. Odors may also develop when printing on polyolefins.

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
</tr>
<tr>
<td>Fanal® Pink D 4810</td>
<td>Pigment Red 169</td>
<td>45160:2</td>
</tr>
<tr>
<td>Fanal® Pink D 4830</td>
<td>Pigment Red 81:2</td>
<td>45161:1</td>
</tr>
<tr>
<td>Fanal® Violet D 5460</td>
<td>Pigment Violet 2</td>
<td>45175:1</td>
</tr>
<tr>
<td>Fanal® Violet D 5480</td>
<td>Pigment Violet 1</td>
<td>45170:2 (similar)</td>
</tr>
<tr>
<td>Fanal® Violet D 6060</td>
<td>Pigment Violet 3</td>
<td>42535:2 (similar)</td>
</tr>
<tr>
<td>Fanal® Violet D 6070</td>
<td>Pigment Violet 3</td>
<td>42535:2 (similar)</td>
</tr>
<tr>
<td>Fanal® Violet D 6140</td>
<td>Pigment Violet 27</td>
<td>42535:3 (similar)</td>
</tr>
<tr>
<td>Fanal® Blue D 6340</td>
<td>Pigment Blue 1</td>
<td>42595:2 (similar)</td>
</tr>
<tr>
<td>Fanal® Blue D 6380</td>
<td>Pigment Blue 62</td>
<td>42595:4</td>
</tr>
<tr>
<td>Fanal® Blue D 6390</td>
<td>Pigment Blue 1</td>
<td>42595:2 (similar)</td>
</tr>
<tr>
<td>Fanal® Blue D 6391</td>
<td>Pigment Blue 1</td>
<td>42595:2 (similar)</td>
</tr>
<tr>
<td>Fanal® Blue D 6393</td>
<td>Pigment Blue 1</td>
<td>42595:2 (similar)</td>
</tr>
<tr>
<td>Fanal® Green D 8330</td>
<td>Pigment Green 1</td>
<td>42040:1 (similar)</td>
</tr>
</tbody>
</table>
**Colorants and additives for printing inks – pigments – organic pigments**

**Heliogen® pigments**

Phthalocyanine pigments with extremely good fastness properties for flexographic, gravure and decorative paste inks

<table>
<thead>
<tr>
<th>Product</th>
<th>Color Index</th>
<th>Chemical Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heliogen® Blue D 6700 T</td>
<td>Pigment Blue 15:6 74160</td>
<td>Cu phthalocyanine, epsilon</td>
</tr>
<tr>
<td>Heliogen® Blue D 6840</td>
<td>Pigment Blue 15 74160</td>
<td>Cu phthalocyanine, alpha unstable</td>
</tr>
<tr>
<td>Heliogen® Blue D 7079</td>
<td>Pigment Blue 15:3 74160</td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Heliogen® Blue D 7086</td>
<td>Pigment Blue 15:3 74160</td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Heliogen® Blue D 7092</td>
<td>Pigment Blue 15:3 74160</td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Heliogen® Blue D 7107</td>
<td>Pigment Blue 15:4 74160</td>
<td>Cu phthalocyanine, beta</td>
</tr>
<tr>
<td>Heliogen® Blue D 7490</td>
<td>Pigment Blue 16 74100</td>
<td>Phthalocyanine, alpha</td>
</tr>
<tr>
<td>Heliogen® Green D 8605 DD</td>
<td>Pigment Green 7 74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green D 8725</td>
<td>Pigment Green 7 74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green D 8730</td>
<td>Pigment Green 7 74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
<tr>
<td>Heliogen® Green D 9360</td>
<td>Pigment Green 36 74265</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – pigments – organic pigments

Lithol® pigments

azo color lakes with good to medium fastness properties

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithol® Scarlet D 3700</td>
<td>Pigment Red 48:1 15865:1</td>
<td>BON red 2 B, Ba lake</td>
</tr>
<tr>
<td>Lithol® Scarlet D 4461</td>
<td>Pigment Red 48:2 15865:2</td>
<td>BON red 2 B, Ca lake</td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – pigments – organic pigments

Paliotol® pigments

Organic pigments with very good fastness properties for gravure printing inks as well as decorative and tinplate printing inks

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paliotol® Yellow D 0960</td>
<td>Pigment Yellow 138 56300</td>
<td>quinophthalone yellow</td>
</tr>
<tr>
<td>Paliotol® Yellow D 1155</td>
<td>Pigment Yellow 185 56290</td>
<td>isoindoline yellow</td>
</tr>
<tr>
<td>Paliotol® Yellow D 1819</td>
<td>Pigment Yellow 139 56298</td>
<td>isoindoline yellow</td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – pigments – organic pigments
other organic pigments

particularly for special printing applications

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumogen® Yellow S 0790</td>
<td>Pigment Yellow 101 48052</td>
<td>aldazine yellow</td>
</tr>
<tr>
<td>Paliogen® Black S 0084</td>
<td>Pigment Black 31 71132</td>
<td>perylene</td>
</tr>
</tbody>
</table>
## Colorants and additives for printing inks – pigments – inorganic pigments

### Magnetic pigments

magnetic pigments for magnetizable printing inks

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetic pigment 025 BASF</td>
<td></td>
<td>iron powder</td>
</tr>
<tr>
<td>Magnetic pigment 340 BASF</td>
<td>Pigment Black 11</td>
<td>iron(II)/iron(III) oxide</td>
</tr>
<tr>
<td>Magnetic pigment 345 BASF</td>
<td>Pigment Black 11</td>
<td>iron(II)/iron(III) oxide</td>
</tr>
<tr>
<td>Magnetic pigment 346 BASF</td>
<td>Pigment Black 11</td>
<td>iron(II)/iron(III) oxide</td>
</tr>
</tbody>
</table>
**Colorants and additives for printing inks – pigments – effect pigments**

**Mearlin® pearlescent pigments**

Mearlin® pearlescent pigments are mica platelets coated with titanium dioxide and/or iron oxide that provide both color and exciting visual effects to a variety of coatings, plastics and printing ink applications.

These unique BASF luster pigments are transparent and reflect light because of their smooth surfaces and high index of refraction. Light reflected from the platelets creates a sense of depth and a luster that varies with particle size – smaller particles impart a satin sheen while larger particles create a more sparkly or glitter-like effect. Some Mearlin® special effect pigments have a multiple color play and dynamic color travel or "flop" in which the color changes with the viewing angle. Although these pigments are non-metallic, they can give finishes a metallic look. And all Mearlin® pigments are totally non-reactive and nontoxic.

Mearlin luster pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® CFS Bright Silver 1303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Micro White 139M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright White 139X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Silver 139Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Gold 2303M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Gold 2303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Brass 2323V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Brass 2329V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Brass 2329Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Gold 239V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Gold 239X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Gold 239Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Bronze 249X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Bronze 2503M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Bronze 2503V</td>
<td></td>
</tr>
</tbody>
</table>

Page 2.78 of 2.107
Colorants and additives for printing inks – pigments – effect pigments

**Mearlin® pearlescent pigments**

<table>
<thead>
<tr>
<th>Name</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® Super Bronze 259Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Brass 2623M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Orange 3303V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Orange 3303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Orange 3339X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Orange 339X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Orange 339Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Bright Copper 349X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Copper 3503M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Copper 3503Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Copper 359V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Copper 359Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Red 4303V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Red 4303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Red 439X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Red 439Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Russet 4503M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Russet 4503Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Russet 459V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Russet 459Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Fine Violet 5303V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Violet 5303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Violet 539V</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Hi-Lite Violet 539X</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Super Violet 539Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Micro Blue 6303M</td>
<td></td>
</tr>
<tr>
<td>Mearlin® CFS Super Blue 6303Z</td>
<td></td>
</tr>
<tr>
<td>Mearlin® Fine Blue 639V</td>
<td></td>
</tr>
</tbody>
</table>
**Colorants and additives for printing inks – pigments – effect pigments**

**Mearlin® pearlescent pigments**

<table>
<thead>
<tr>
<th>Colorant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlin® Hi-Lite Blue 639X</td>
</tr>
<tr>
<td>Mearlin® Super Blue 639Z</td>
</tr>
<tr>
<td>Mearlin® Blue Russet 659Z</td>
</tr>
<tr>
<td>Mearlin® Blue Green 7289Z</td>
</tr>
<tr>
<td>Mearlin® Bright Green 8289X</td>
</tr>
<tr>
<td>Mearlin® CFS Micro Green 8303M</td>
</tr>
<tr>
<td>Mearlin® CFS Super Green 8303Z</td>
</tr>
<tr>
<td>Mearlin® Fine Green 839V</td>
</tr>
<tr>
<td>Mearlin® Super Green 839Z</td>
</tr>
<tr>
<td>Mearlin® Satin White 9130 F</td>
</tr>
<tr>
<td>Mearlin® Micro Russet 9150M</td>
</tr>
<tr>
<td>Mearlin® Sparkle Gold 9220J</td>
</tr>
<tr>
<td>Mearlin® Sparkle Brass 9222J</td>
</tr>
<tr>
<td>Mearlin® Super Brass 9232Z</td>
</tr>
<tr>
<td>Mearlin® Sparkle Bronze 9250J</td>
</tr>
<tr>
<td>Mearlin® Super Bronze 9250Z</td>
</tr>
<tr>
<td>Mearlin® Mica Gold 9260M</td>
</tr>
<tr>
<td>Mearlin® Micro Brass 9262M</td>
</tr>
<tr>
<td>Mearlin® Super Sparkle 9320J</td>
</tr>
<tr>
<td>Mearlin® Super Orange 9330Z</td>
</tr>
<tr>
<td>Mearlin® Sparkle Copper 9350J</td>
</tr>
<tr>
<td>Mearlin® Micro Copper 9350M</td>
</tr>
<tr>
<td>Mearlin® Super Copper 9350Z</td>
</tr>
<tr>
<td>Mearlin® Sparkle Red 9420J</td>
</tr>
<tr>
<td>Mearlin® Sparkle Russet 9450J</td>
</tr>
<tr>
<td>Mearlin® Super Russet 9450Z</td>
</tr>
<tr>
<td>Mearlin® Sparkle Violet 9520J</td>
</tr>
<tr>
<td>Mearlin® Super Violet 9530Z</td>
</tr>
</tbody>
</table>

Page 2.80 of 2.107
Colorants and additives for printing inks – pigments – effect pigments

Mearlin® pearlescent pigments

- Mearlin® Sparkle Blue 9620J
- Mearlin® Super Blue Russet 9650Z
- Mearlin® Micro Blue 9660M
- Mearlin® Sparkle Green 9820J
- Mearlin® Micro Green 9860M
Colorants and additives for printing inks – pigments – effect pigments

MagnaPearl® effect pigments

MagnaPearl® pearlescent pigments are specially engineered to deliver superior whiteness, brilliance and hiding. Available in a variety of particle sizes, they create extraordinary optical effects ranging from a fine-grained luster to a bold silvery-white sparkle.

Made of mica platelets coated with titanium dioxide, MagnaPearl® pigments are free of solvents and heavy metals. The MagnaPearl® 1000, 2000, 3000, 4000 and 5000 series include grades coated with titanium dioxide crystals in either anatase or rutile form. Grades containing rutile crystals tend to have higher luster, coverage and whiteness, while grades containing anatase crystals are free of tin. Surface-treated MagnaPearl® pigments are available to prevent yellowing in plastics applications.

MagnaPearl® pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>MagnaPearl® 1100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 4000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 5000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 1000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 1103</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 2103</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 2300</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 3000</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® 3100</td>
<td></td>
</tr>
<tr>
<td>MagnaPearl® CFS 3103</td>
<td></td>
</tr>
</tbody>
</table>
MicroPearl effect pigments

MicroPearl mica-based effect pigments offer the depth of conventional pearlescent finishes and the texture of solid colors. Due to their very fine particle size distribution, MicroPearl pigments provide increased hiding in coating and ink applications.

Available in a broad color palette, MicroPearl pigments come in two main product categories: coated with titanium dioxide to create a subtle two-tone effect that changes with the viewing angle, or coated with iron oxide for a metallic appearance.

Exterior grades, CFS-treated, are available.
Black Olive™ effect pigment

Black Olive™ pigment is a black, mica-based effect pigment with champagne undertones. This revolutionary product actually extends the range of absorption colors possible with mica-based pigments to brown-black shades.

Until now, only green, pale gold and russet-red absorption colors have been available. Black Olive™ pigment’s unique brown-black color space makes it ideal for shading neutral colors, helping make gun metals and silvers and adding an unusually bright face to dark-shade metallic colors.

Black Olive™ also can be used in conjunction with other special effect pigments to extend the palette of effects.

Black Olive™ pigment can be used in many diverse interior coatings, plastics and ink applications, including:
- molded-in plastic or coatings for electronic equipment
- appliances
- sporting goods and packaging
- specialty decorative coatings and inks
- coatings and inks for leather goods
- solid-surface applications (i.e., countertops and flooring)

Based on a unique chemistry that produces a black, lustrous, pearlescent finish, Black Olive™ pigment adds depth and luster to water-based, solvent-based and powder coatings. And given its unique color space, Black Olive™ pigment can create novel effects in molded plastic products.

Black Olive™ pigment for exterior use is engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes it ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.
Colorants and additives for printing inks – pigments – effect pigments

Firemist® effect pigments

Firemist® patented borosilicate-based pigments bring products to life with brilliant color and glittering effects. These advanced pigments, which create an exceptionally high visual impact, are specially formulated to out-perform traditional pearlescent pigments in chroma, color purity, brightness, transparency and reflectivity.

Firemist® pigments give designers and formulators a spectrum of advanced optical effects to work with.

For example, their smooth surface and larger particle size create a brilliant, starlike glitter, and blends of Firemist® pigments create true multicolor effects (individual colors come through because the pigments’ exceptional transparency and chroma overcome the addition effects that gray-out normal pearls). Firemist® pigments also enhance the feeling of depth in coatings and plastics applications beyond that possible with mica-based pearls, because the borosilicate flakes promote light penetration. They are ideal for automotive trim applications such as powder coatings or plastic and leather coatings, and can be used in many other applications as well.

Firemist® pigments match the color palette of other pearls and work well with transparent organic colorants because of their flakes’ high transparency. They also are approved for food contact, making them ideal for food packaging applications.

<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firemist® Pearl 9G130L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Gold 9G230L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Red 9G430L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Violet 9G530L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Blue 9G630L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Turquoise 9G730L</td>
<td></td>
</tr>
<tr>
<td>Firemist® Green 9G830L</td>
<td></td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – pigments – effect pigments

Lumina® effect pigments

Lumina® pigments are mica-based effect pigments that create intriguing and dramatic visual effects in a wide variety of applications.

Lumina® colors feature increased chromaticity at the reflection angle and higher color purity and clarity than traditional interference colors. The result is cleaner shades, more saturated colors and stronger flip-flop effects in coatings, plastics and inks.

For example, in solvent- and water-based coating applications, Lumina® pigments’ enhanced reflection creates the look of a three-coat effect in only two coats. Lumina® pigments enhance labels for luxury packaging and other luxury products. And in plastics applications, including injection molding, blow molding and extrusion processing, Lumina® pigments create multi-optical effects when combined with other effect or color pigments.

Lumina® pigments for exterior use are engineered using BASF’s proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

Like other mica-based effect pigments, all Lumina® pigments are non-reactive, non-metallic and non-tarnishing.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumina® Gold 9130D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Brass 9232D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Copper 9350D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Russet 9450D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Red Blue 9830D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Aqua Blue 9A30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Green 9G30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Red 9R30D</td>
<td></td>
</tr>
<tr>
<td>Lumina® Turquoise 9T30D</td>
<td></td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – pigments – effect pigments

Mearlite® effect pigments

Mearlite® luster pigments impart a range of optical effects from a soft, satin luster to a sharp, metallic brilliance in plastics, coatings and inks. These effects are due to plate-like crystals of bismuth oxychloride that have a silver-white and transparent appearance.

Mearlite® pigments are available as dispersions in a variety of vehicles (e.g., alkyd, acrylic and cellulose nitrate) compatible with dip or spray coatings, inks and plastics resin systems. When used alone in spray coatings, Mearlite® pigments create a simulated pearl finish. When used as a reflective surface under transparent color coatings, they provide a candy apple effect. Mearlite® pigments also can create intense, lustrous colors when combined with organic pigments or dyes.

Mearlite® Ultra Bright grade provides the highest brilliance of any synthetic pearlescent pigment. It is the most widely used Mearlite® grade for coatings, inks and polyester castings.

Mearlite® Radiant Pearl combines the brilliance of Ultra Bright pigments with a surface treatment to reduce darkening by ultraviolet light. When formulated with UV absorbers, this grade is well-suited for exterior coatings.

Mearlite® Ultra Fine balances high luster and small particle size for use where larger pearlescent pigments cannot be applied.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mearlite® Radiant Pearl SSQ</td>
<td></td>
</tr>
<tr>
<td>Mearlite® Ultra Bright</td>
<td></td>
</tr>
<tr>
<td>Mearlite® Ultra Fine</td>
<td></td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – pigments – effect pigments

Dynacolor® effect pigments

Dynacolor® pearlescent pigments are specially engineered to add dramatic visual effects and a high degree of color purity and intensity coatings, printing inks and plastics.

As interference-type pigments, Dynacolor® grades exhibit a two-color play. The interference color occurs at the specular angle, while the absorption appears at the flop angle or diffuse angle. This effect is especially desirable in coating finishes when simulating a three-coat effect with only two coats.

In addition to their attractive appearance, Dynacolor® pigments also offer important production benefits such as ease of dispersion and reduced color bleed and migration. With the colorant already deposited on the pigment substrate, there is no need to add it separately. The constant colorant-to-particle ratio also promotes more predictable end-use results.

BASF offers many Dynacolor® pigments for a wide variety of dramatic effects. Dynacolor® exterior pigments are chemically treated to maximize their durability in outdoor applications.

<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynacolor® Exterior BY-B 239ZB15AA</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior GY 239ZG7A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior BB 639ZB15C</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® Exterior BG 839ZB15A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® BY-B 9239ZB15AA</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® GY 9239ZG7A</td>
<td></td>
</tr>
<tr>
<td>Dynacolor® BB 9639ZB15C</td>
<td></td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – pigments – effect pigments

Cyclo® effect pigments

Cyclo® pigments are mica-based effect pigments designed specifically to work with powder coatings, which are used for appliances, architecture and building applications.

Cyclo® pigments are engineered to improve application properties. Because of reduced build-up of pearl pigment on spray gun tips, Cyclo® pigments allow formulators to raise the amount of pearl in powder coating formulations. This offers more flexibility to formulators attempting to match the appearance of liquid coatings, which typically contain higher levels of pearl pigments.
Colorants and additives for printing inks – pigment preparations – aqueous preparations

Dispers preparation

aqueous free-flowing preparation of a Pigment Blue 15:3 with a non-ionic dispersing agent for water-thinnable printing inks

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispers Blue 70-0507</td>
<td>Pigment Blue 15:3 74160</td>
<td>Cu phthalocyanine, beta</td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – soluble dyes – cationic dyes

Basonyl® dyes

cationic dyes with good solubility or dilutability in alcohols and glycol ethers, for solvent-based inks

physical form: powder and liquid grades

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
</tr>
<tr>
<td>Basonyl® Black X11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basonyl® Yellow 105</td>
<td>Basic Yellow 37</td>
<td>41001</td>
</tr>
<tr>
<td>Basonyl® Red 482</td>
<td>Basic Red 1</td>
<td>45160</td>
</tr>
<tr>
<td>Basonyl® Red 483</td>
<td>Basic Red 1</td>
<td>45160 (similar)</td>
</tr>
<tr>
<td>Basonyl® Red 485</td>
<td>Basic Red 1:1</td>
<td>45161</td>
</tr>
<tr>
<td>Basonyl® Red 540</td>
<td>Basic Violet 10</td>
<td>45170</td>
</tr>
<tr>
<td>Basonyl® Red 545 liquid</td>
<td>Basic Violet 10</td>
<td>45170</td>
</tr>
<tr>
<td>Basonyl® Red 555 liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basonyl® Red 560</td>
<td>Basic Violet 11:1</td>
<td>45174 (similar)</td>
</tr>
<tr>
<td>Basonyl® Violet 602 liquid</td>
<td>Basic Violet 1</td>
<td>42535 (similar)</td>
</tr>
<tr>
<td>Basonyl® Blue 636</td>
<td>Basic Blue 7</td>
<td>42595</td>
</tr>
<tr>
<td>Basonyl® Blue 644 liquid</td>
<td>Basic Blue 26</td>
<td>44045 (similar)</td>
</tr>
<tr>
<td>Basonyl® Green 830 liquid</td>
<td>Basic Green 4</td>
<td>42000 (similar)</td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – soluble dyes – metal-complex dyes

Neozapon® dyes

metal-complex dyes (powder) with good to very good solubility in polar solvents, almost insoluble in water for flexographic and gravure printing inks

physical form: powder

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Black X51</td>
<td>Solvent Black 27</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Black X55</td>
<td>Solvent Black 29</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Yellow 081</td>
<td>Solvent Yellow 79</td>
<td>1:1 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Yellow 141</td>
<td>Solvent Yellow 81</td>
<td>1:1 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Yellow 157</td>
<td>Solvent Yellow 82</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Orange 245</td>
<td>Solvent Orange 56</td>
<td>1:1 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Orange 251</td>
<td>Solvent Orange 54</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Orange 272</td>
<td>Solvent Orange 99</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Brown 322</td>
<td>Solvent Brown 42</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Red 335</td>
<td>Solvent Red 122</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Red 355</td>
<td>Solvent Red 119</td>
<td>1:2 Cr complex, color salt</td>
</tr>
<tr>
<td>Neozapon® Red 365</td>
<td>Solvent Red 160</td>
<td>1:2 Cr complex, color salt</td>
</tr>
<tr>
<td>Neozapon® Red 395</td>
<td>Solvent Red 122 (similar)</td>
<td>1:2 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Red 471</td>
<td>Solvent Red 118</td>
<td>1:2 Co complex</td>
</tr>
<tr>
<td>Neozapon® Pink 478</td>
<td>Solvent Red 127</td>
<td>1:1 Cr complex</td>
</tr>
<tr>
<td>Neozapon® Blue 807</td>
<td>Solvent Blue 70</td>
<td>Cu phthalocyanine</td>
</tr>
<tr>
<td>Neozapon® Green 975</td>
<td></td>
<td>Cu phthalocyanine+1:1 Cr complex</td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – soluble dyes – color bases

Neptun® color bases

very pure color bases containing an extremely small proportion of insoluble constituents; soluble in acids (e. g., long-chain fatty acids), acid waxes and acid resins, for the brightening of toluene-based gravure inks

physical form: powder oder coarse powder

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neptun® Red Base 543</td>
<td>Solvent Red 49</td>
<td>45170:1</td>
</tr>
<tr>
<td>Neptun® Red Base 546</td>
<td>Solvent Red 49</td>
<td>45170:1</td>
</tr>
</tbody>
</table>
Colorants and additives for printing inks – process chemicals – complexing agent
complexing agent for offset inks

Trilon® BDF dient in Offsetdruckfarben als Komplexbildner. Es bindet die in der Druckfarbe und im Wischwasser vorhandenen mehrwertigen Metallionen und verhindert so die Bildung von Metallseifen.

<table>
<thead>
<tr>
<th>product</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trilon® BDF</td>
<td>disodium salt of EDTA</td>
</tr>
</tbody>
</table>
Colorants for specialty industries – pigments and pigment preparations – organic pigments

fields of application: crack detection, crayons, artist's colors, inked ribbons and fluorescent markers

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumogen® Yellow S 0790</td>
<td>Pigment Yellow 101 48052</td>
<td>aldazine yellow</td>
</tr>
<tr>
<td>Paliogen® Black S 0084</td>
<td>Pigment Black 31 71132</td>
<td>perylene</td>
</tr>
</tbody>
</table>
Magnetic pigment

magnetic pigment for magnetizable MICR ribbons and toners

<table>
<thead>
<tr>
<th><em>product</em></th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetic Black S 0045</td>
<td>Pigment Black 11 77499</td>
<td>iron[II]/iron[III] oxide</td>
</tr>
</tbody>
</table>
Colorants for specialty industries – pigment preparations – aqueous preparations

Dispers preparations

aqueous free-flowing preparations of organic and inorganic pigments with dispersing agents for construction material, fertilizers, seed treatments, abradant media as well as many more chemical-technical materials

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispers Black 0066</td>
<td>Pigment Black 7 77266</td>
<td>carbon black</td>
</tr>
<tr>
<td>Dispers Yellow 1780</td>
<td>Pigment Yellow 83 21108</td>
<td>diarylide yellow</td>
</tr>
<tr>
<td>Dispers Orange 3052</td>
<td>Pigment Orange 5 12075</td>
<td>Naphthol orange</td>
</tr>
<tr>
<td>Dispers Red 3855</td>
<td>Pigment Red 112 12370</td>
<td>Naphthol AS red</td>
</tr>
<tr>
<td>Dispers Red 3856</td>
<td>Pigment Red 112 12370</td>
<td>Naphthol AS red</td>
</tr>
<tr>
<td>Dispers Blue 6900</td>
<td>Pigment Blue 15:1 74160</td>
<td>Cu phthalocyanine, alpha stable</td>
</tr>
<tr>
<td>Dispers Green 8730</td>
<td>Pigment Green 7 74260</td>
<td>Cu phthalocyanine, halogenated</td>
</tr>
</tbody>
</table>
**Colorants for specialty industries – pigment preparations – aqueous preparations**

**Dispers preparations for wood products**

aqueous free-flowing preparations of organic and inorganic pigments with dispersing agents for the mass coloration and marking of wood products (MDF, HDF and particle board) and decorative papers, some grades also contain soluble dyes

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispers White 0022</td>
<td></td>
<td>Pigment White 6</td>
<td>77891</td>
<td>titanium dioxide, rutile</td>
</tr>
<tr>
<td>Dispers Black 0076</td>
<td></td>
<td>Pigment Black 7</td>
<td>77266</td>
<td>carbon black</td>
</tr>
<tr>
<td>Dispers Black 0077</td>
<td></td>
<td>mixture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispers Black 0079</td>
<td></td>
<td>mixture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispers Orange 3055</td>
<td></td>
<td>Pigment Orange 34</td>
<td>21115</td>
<td>disazo pyrazolone</td>
</tr>
<tr>
<td>Dispers Brown 3581</td>
<td></td>
<td>Pigment Red 101</td>
<td>77491</td>
<td>iron[ill] oxide</td>
</tr>
<tr>
<td>Dispers Red 4301</td>
<td></td>
<td>mixture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispers Blue 6910</td>
<td></td>
<td>mixture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispers Green 8711</td>
<td></td>
<td>mixture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispers Green 8733</td>
<td></td>
<td>mixture</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Colorants for specialty industries – pigment preparations – powder preparations

Pigmosol® preparations

Preparations of organic and inorganic pigments based on anionic wetting agents for construction materials (cement, plaster, mortar, concrete products, screed, sand-lime brick, dry mixes), fertilizers, nutritive salts, washing powders, household cleaning products and other materials of the chemical processing industry.

Pigmosol® is a stir-in-like powder preparation that can be added directly to a dry powder or an aqueous liquid. It disperses spontaneously in aqueous media, practically without foaming.

Physical form: free-flowing low-dusting powder

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
</tr>
<tr>
<td>Pigmosol® Black 0058</td>
<td>Pigment Black 7</td>
</tr>
<tr>
<td>Pigmosol® Yellow 1250</td>
<td>Pigment Yellow 1</td>
</tr>
<tr>
<td>Pigmosol® Red 3855</td>
<td>Pigment Red 112</td>
</tr>
<tr>
<td>Pigmosol® Blue 6900</td>
<td>Pigment Blue 15:1</td>
</tr>
<tr>
<td>Pigmosol® Green 8730</td>
<td>Pigment Green 7</td>
</tr>
</tbody>
</table>
### Colorants for specialty industries – soluble dyes – anionic dyes

**Basacid® dyes**

anionic dyes for aqueous writing and ink-jet inks, crop protection agents, detergents, cleaners and wood preservatives

Basacid® Yellow 133 E and Basacid® Red 400 E conform to European Directive 95/45/EC.

physical form: powder and liquid grades

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>part 1</td>
<td>part 2</td>
</tr>
<tr>
<td>Basacid® Black X34 liquid</td>
<td></td>
<td>mixture</td>
</tr>
<tr>
<td>Basacid® Black X38 liquid</td>
<td></td>
<td>mixture</td>
</tr>
<tr>
<td>Basacid® Black X40 liquid</td>
<td>Acid Black 194</td>
<td>azo/1:2 Cr complex</td>
</tr>
<tr>
<td>Basacid® Yellow 093 liquid</td>
<td>Acid Yellow 3</td>
<td>47005</td>
</tr>
<tr>
<td>Basacid® Yellow 099 liquid</td>
<td>Acid Yellow 5</td>
<td>47035 (similar)</td>
</tr>
<tr>
<td>Basacid® Yellow 133 E</td>
<td>Acid Yellow 23</td>
<td>19140</td>
</tr>
<tr>
<td>Basacid® Orange 282 liquid</td>
<td>Acid Orange 7</td>
<td>15510 (similar)</td>
</tr>
<tr>
<td>Basacid® Red 316</td>
<td>Acid Red 87</td>
<td>45380</td>
</tr>
<tr>
<td>Basacid® Red 400 E</td>
<td>Acid Red 18</td>
<td>16255</td>
</tr>
<tr>
<td>Basacid® Red 495 liquid</td>
<td>Reactive Red 24:1</td>
<td>18208:1</td>
</tr>
<tr>
<td>Basacid® Blue 762 liquid</td>
<td>Direct Blue 199</td>
<td>74190</td>
</tr>
<tr>
<td>Basacid® Green 970</td>
<td>Acid Green 1</td>
<td>10020</td>
</tr>
</tbody>
</table>
**Colorants for specialty industries – soluble dyes – cationic dyes**

**Basonyl® dyes**

cationic dyes with good solubility or dilutability in alcohols and glycol ethers, for daylight fluorescent pigments, color lakes and coloring of fertilizers

physical form: powder and liquid grades

<table>
<thead>
<tr>
<th>Product</th>
<th>Colour Index</th>
<th>Chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basonyl® Black X11</td>
<td>mixture</td>
<td></td>
</tr>
<tr>
<td>Basonyl® Yellow 105</td>
<td>Basic Yellow 37</td>
<td>41001, diaryl methane</td>
</tr>
<tr>
<td>Basonyl® Red 482</td>
<td>Basic Red 1</td>
<td>45160, xanthene</td>
</tr>
<tr>
<td>Basonyl® Red 483</td>
<td>Basic Red 1</td>
<td>45160 (similar), xanthene</td>
</tr>
<tr>
<td>Basonyl® Red 485</td>
<td>Basic Red 1:1</td>
<td>45161, xanthene</td>
</tr>
<tr>
<td>Basonyl® Red 540</td>
<td>Basic Violet 10</td>
<td>45170, xanthene</td>
</tr>
<tr>
<td>Basonyl® Red 545 liquid</td>
<td>Basic Violet 10</td>
<td>45170, xanthene</td>
</tr>
<tr>
<td>Basonyl® Red 555 liquid</td>
<td>Basic Violet 10</td>
<td>45170, xanthene</td>
</tr>
<tr>
<td>Basonyl® Red 560</td>
<td>Basic Violet 11:1</td>
<td>45174 (similar), xanthene</td>
</tr>
<tr>
<td>Basonyl® Violet 602 liquid</td>
<td>Basic Violet 1</td>
<td>42535 (similar), triaryl methane</td>
</tr>
<tr>
<td>Basonyl® Blue 636</td>
<td>Basic Blue 7</td>
<td>42595, triaryl methane</td>
</tr>
<tr>
<td>Basonyl® Blue 644 liquid</td>
<td>Basic Blue 26</td>
<td>44045 (similar), triaryl methane</td>
</tr>
<tr>
<td>Basonyl® Green 830 liquid</td>
<td>Basic Green 4</td>
<td>42000 (similar), triaryl methane</td>
</tr>
</tbody>
</table>
Colorants for specialty industries – soluble dyes – metal-complex dyes

Neozapon® dyes

metal-complex dyes (powder) with good to very good solubility in polar solvents, almost insoluble in water for ball-point pen inks, writing and inkjet inks

physical form: powder or coarse powder

<table>
<thead>
<tr>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neoazon® Black X51</td>
<td>Solvent Black 27</td>
<td>1:2 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Black X55</td>
<td>Solvent Black 29</td>
<td>1:2 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Yellow 081</td>
<td>Solvent Yellow 79</td>
<td>1:1 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Yellow 141</td>
<td>Solvent Yellow 81</td>
<td>1:1 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Yellow 157</td>
<td>Solvent Yellow 82</td>
<td>1:2 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Orange 245</td>
<td>Solvent Orange 56</td>
<td>1:1 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Orange 251</td>
<td>Solvent Orange 54</td>
<td>1:2 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Orange 272</td>
<td>Solvent Orange 99</td>
<td>1:2 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Brown 322</td>
<td>Solvent Brown 42</td>
<td>1:2 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Red 335</td>
<td>Solvent Red 122</td>
<td>1:2 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Red 355</td>
<td>Solvent Red 119</td>
<td>1:2 Cr complex, color salt</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Red 365</td>
<td>Solvent Red 160</td>
<td>1:2 Cr complex, color salt</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Red 395</td>
<td>Solvent Red 122</td>
<td>1:2 Cr complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Red 471</td>
<td>Solvent Red 118</td>
<td>1:2 Co complex</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Blue 807</td>
<td>Solvent Blue 70</td>
<td>Cu phthalocyanine</td>
<td></td>
</tr>
<tr>
<td>Neoazon® Green 975</td>
<td></td>
<td>Cu phthalocyanine+1:1 Cr complex</td>
<td></td>
</tr>
</tbody>
</table>
Colorants for specialty industries – soluble dyes – solvent dyes

Neptun® dyes

high-purity solvent dyes with only a very small proportion of insoluble constituents

fields of application:
Neptun® Blue 698, Black X 17 liquid: ball-point pen inks
Neptun® Yellow 075: toner preparations
Neptun® Black X60: polishes

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neptun® Black X17 liquid</td>
<td>Solvent Black 46</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neptun® Black X60</td>
<td>Solvent Black 3 26150</td>
<td>azo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neptun® Yellow 075</td>
<td>Solvent Yellow 162</td>
<td>azo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neptun® Blue 698</td>
<td>Solvent Blue 64</td>
<td>Cu phthalocyanine</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Colorants for specialty industries – soluble dyes – color bases

Neptun® color bases

very pure color bases containing an extremely small proportion of insoluble constituents; soluble in acids (e. g., long-chain fatty acids), acidic waxes and acidic resins and for ball-point pen inks

physical form: powder oder coarse powder

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neptun® Red Base 543</td>
<td>Solvent Red 49</td>
<td>45170:1</td>
<td>xanthene</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neptun® Red Base 546</td>
<td>Solvent Red 49</td>
<td>45170:1</td>
<td>xanthene</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Colorants for specialty industries – soluble dyes – other dyes

security dye

dye for security papers

physical form: liquid

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheque Dyestuff AS liquid</td>
<td></td>
<td>45460</td>
<td></td>
<td>xanthene</td>
</tr>
</tbody>
</table>
Colorants for specialty industries – colorants for ceramics – color stains

Sicocer® F stains

high color strength, very pure shades, good chemical and thermal stability

coloring glazes and frits for wall tiles, floor tiles and sanitary ceramics as well as enamel and body

physical form: powder

<table>
<thead>
<tr>
<th>product</th>
<th>Colour Index</th>
<th>part 1</th>
<th>part 2</th>
<th>chemical nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicocer® F Gray 1985</td>
<td>Pigment Black 25</td>
<td>77332</td>
<td>Zr/Si/Co/Ni</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Yellow 2214</td>
<td>Pigment Yellow 159</td>
<td>77997</td>
<td>Zr/Si/Pr</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Coral 2315</td>
<td>Pigment Red 232</td>
<td>77996</td>
<td>Zr/Si/Fe</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Coral 2320</td>
<td>Pigment Red 232</td>
<td>77996</td>
<td>Zr/Si/Fe</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Coral 2350</td>
<td>Pigment Red 232</td>
<td>77996</td>
<td>Zr/Si/Fe</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Coral 2353</td>
<td>Pigment Red 232</td>
<td>77996</td>
<td>Zr/Si/Fe</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Red 2355</td>
<td>Pigment Red 232</td>
<td>77996</td>
<td>Zr/Si/Fe</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Turquoise 2504</td>
<td>Pigment Blue 71</td>
<td>77998</td>
<td>Zr/Si/V</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Blue 2508</td>
<td>Pigment Blue 72</td>
<td>77347</td>
<td>Co/Al</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Blue 2555</td>
<td>Pigment Blue 36</td>
<td>77343</td>
<td>Co/Al/Cr</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Brown 2726</td>
<td>Pigment Brown 33</td>
<td>77503</td>
<td>Zn/Fe/Cr</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Brown 2730</td>
<td>Pigment Brown 33</td>
<td>77503</td>
<td>Zn/Fe/Cr</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Black 2904</td>
<td>Pigment Black 27</td>
<td>77502</td>
<td>Co/Cr/Fe/Mn/Ni</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Black 2955</td>
<td>Pigment Black 27</td>
<td>77502</td>
<td>Co/Cr/Fe/Mn/Ni</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Pink 10307</td>
<td>Pigment Red 233</td>
<td>77301</td>
<td>Ca/Sn/Si/Cr</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Pink 10309</td>
<td>Pigment Red 233</td>
<td>77301</td>
<td>Ca/Sn/Si/Cr</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Pink 10310</td>
<td>Pigment Red 233</td>
<td>77301</td>
<td>Ca/Sn/Si/Cr</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Blue Green 10407</td>
<td>Pigment Blue 36</td>
<td>77343</td>
<td>Co/Al/Cr</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Cobalt Blue 10517</td>
<td>Pigment Blue 73</td>
<td>77364</td>
<td>Co/Si</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Red Brown 10705</td>
<td>Pigment Brown 33</td>
<td>77503</td>
<td>Zn/Fe/Cr</td>
<td></td>
</tr>
</tbody>
</table>
**Colorants for specialty industries – colorants for ceramics – color stains**

**Sicocer® F stains**

<table>
<thead>
<tr>
<th>Sicocer® F Black 10901</th>
<th>Pigment Black 27</th>
<th>77502</th>
<th>Co/Cr/Fe/Mn</th>
</tr>
</thead>
</table>
# Coatings

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 06406-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basantol® Red 311 liquid</td>
<td>December 2006</td>
</tr>
<tr>
<td>EVP 1407 E</td>
<td>English</td>
<td>brochure</td>
<td>Basantol® U: liquid dyes for wood stains in water/solvent combinations – Try the new color handling!</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 1307 E</td>
<td>English</td>
<td>brochure</td>
<td>Basantol®: Liquid dyes for wood stains in waterborne systems – Simply the best for wood!</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 1207 E</td>
<td>English</td>
<td>brochure</td>
<td>Coil coating – Pigments, crosslinkers and additives</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 008705-0511 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Dissolver dispersion of pigments</td>
<td>November 2005</td>
</tr>
<tr>
<td>EVP 06505-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6700 F</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 06605-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6870</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 06705-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6875 F</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 06805-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6900</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 06905-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6901 F</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 07005-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6905 F</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 07105-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6920</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 07205-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6930</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 02507-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6950</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 4307 E</td>
<td>English</td>
<td>brochure</td>
<td>Heliogen® Blue L 6950 – State-of-the-art blue</td>
<td>September 2007</td>
</tr>
<tr>
<td>EVP 07305-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6975 F</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 07405-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 6989 F</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 07605-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 7072 D</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 07705-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 7080</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 07805-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 7081 D</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 07905-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 7085</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 08005-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 7101 F</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 08105-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue L 7460</td>
<td>August 2007</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
## Coatings

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 08205-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green L 8605</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 08305-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green L 8690</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 08405-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green L 8730</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 08505-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green L 8731</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 08605-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green L 8735</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 08705-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green L 9361</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 003205-0708 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Heliogen® pigments for coatings</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 08905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Lithol® Fast Maroon L 4763</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 08805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Lithol® Fast Scarlet L 4300</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 0706 DE</td>
<td>English/German</td>
<td>CD/DVD Rom</td>
<td>Lucolor® 2.3 – Colorants for coatings</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 04606-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Black 0060</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 04706-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Black 0066</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 05706-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Blue 6900</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 04306-0611 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Blue 7080</td>
<td>November 2006</td>
</tr>
<tr>
<td>EVP 04006-0611 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Brown 2915</td>
<td>November 2006</td>
</tr>
<tr>
<td>EVP 03806-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Green 8730</td>
<td>November 2006</td>
</tr>
<tr>
<td>EVP 03706-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Green 9360</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 1507 DE</td>
<td>English/German</td>
<td>pocket shade card</td>
<td>Luconyl® NG – The new range for aqueous pigment preparations</td>
<td>April 2007</td>
</tr>
<tr>
<td>EVP 3406 E</td>
<td>English</td>
<td>brochure</td>
<td>Luconyl® NG – The new range of aqueous pigment preparations</td>
<td>December 2006</td>
</tr>
<tr>
<td>EVP 03506-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Black 0060</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 03506-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Black 0060</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02107-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Black 0066</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02306-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Blue 6900</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02406-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Blue 7080</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02307-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Brown 2915</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02506-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Green 8730</td>
<td>March 2007</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format.
Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
## Coatings

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 02606-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Green 9360</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02106-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Magenta 4790</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 01906-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Orange 2930</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02407-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Orange 3111</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 01806-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Red 2817</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02906-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Red 3855</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02006-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Red 3860</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02206-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Violet 5894</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 03406-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG White 0022</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 03406-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG White 0022</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 02207-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Yellow 0911</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 02007-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Yellow 0962</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 01406-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Yellow 1100</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 01506-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Yellow 1256</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 01606-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Yellow 1916</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 01706-0703 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® NG Yellow 1995</td>
<td>March 2007</td>
</tr>
<tr>
<td>EVP 05306-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Orange 2416</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 05406-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Orange 3053</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 03006-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Red 2817</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 05506-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Red 3396</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 04406-0611 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Red 3855</td>
<td>December 2006</td>
</tr>
<tr>
<td>EVP 05606-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Violet 5894</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 04506-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® White 0022</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 03606-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Yellow 1100</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 04806-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Yellow 1250</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 04906-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Yellow 1252</td>
<td>February 2007</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
## Coatings

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 05006-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Yellow 1770</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 05106-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Yellow 1916</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 05206-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Luconyl® Yellow 1995</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 13505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Black X51</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Black X55</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Blue 807</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05605-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Brown 322</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 001905-0608 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Neozapon® dyes</td>
<td>April 2006</td>
</tr>
<tr>
<td>EVP 13405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Green 975</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 245</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 251</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 272</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Pink 478</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 2306 E</td>
<td>English</td>
<td>brochure</td>
<td>Neozapon® powder dyes for solvent-borne systems – The first solution</td>
<td>September 2006</td>
</tr>
<tr>
<td>EVP 2306S E</td>
<td>English</td>
<td>shade card</td>
<td>Neozapon® powder dyes for solvent-borne systems – The first solution</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 05705-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 335</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05805-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 355</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 365</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 395</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 471</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 081</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 141</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05205-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 157</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 11505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliocrom® Gold L 2000</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
## Coatings

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 11605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliocrom® Gold L 2020</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 11705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliocrom® Orange L 2800</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 0905 E</td>
<td>English</td>
<td>shade card</td>
<td>Paliocrom® Sparkling Red – The effect of effects</td>
<td>April 2005</td>
</tr>
<tr>
<td>EVP 09005-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Black L 0086</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 2207 E</td>
<td>English</td>
<td>brochure</td>
<td>Paliogen® Blue L 6360</td>
<td>April 2007</td>
</tr>
<tr>
<td>EVP 03906-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Blue L 6360</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09705-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Blue L 6385</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09805-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Blue L 6470</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09905-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Blue L 6480</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 10005-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Blue L 6482</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 10105-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Blue L 6495 F</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09405-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Maroon L 3920</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09505-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Maroon L 3980</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 004204-0708 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Paliogen® pigments for coatings</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 01106-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Red L 3875</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09105-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Red L 3880 HD</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09205-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Red L 3885</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09305-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Red L 3910 HD</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 09605-0708 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Red L 4120</td>
<td>August 2007</td>
</tr>
<tr>
<td>EVP 3506 E</td>
<td>English</td>
<td>brochure</td>
<td>Paliotan® – The new Paliotan® pigments. Time to replace lead chromate!</td>
<td>December 2006</td>
</tr>
<tr>
<td>EVP 00805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Orange L 2935</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Red L 3735</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04206-0611 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Red L 3745</td>
<td>November 2006</td>
</tr>
<tr>
<td>EVP 01005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Yellow L 1135</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Yellow L 1145</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
### Coatings

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 00305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Yellow L 1240</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Yellow L 1645</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Yellow L 1945</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Yellow L 2045</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotan® Yellow L 2145 H</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 10205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Black L 0080</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 11005-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Orange L 2930 HD</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 004304.0 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Paliotol® pigments for coatings</td>
<td>November 2004</td>
</tr>
<tr>
<td>EVP 10305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow L 0960 HD</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 10405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow L 0962 HD</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 10505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow L 1155</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 10605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow L 1772</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 10705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow L 1820</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 10805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow L 1970</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 10905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow L 2140 HD</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 1705 E</td>
<td>English</td>
<td>brochure</td>
<td>Paliotol® Yellow L 2146 HD – The yellow with more potential!</td>
<td>April 2005</td>
</tr>
<tr>
<td>EVP 1704 E</td>
<td>English</td>
<td>pocket shade card</td>
<td>Pigments for coatings</td>
<td>December 2004</td>
</tr>
<tr>
<td>EVP 008105-0511 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Pigments for epoxy resins</td>
<td>November 2005</td>
</tr>
<tr>
<td>EVP 008405-0512 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Pigments for UV-curable coatings systems</td>
<td>December 2005</td>
</tr>
<tr>
<td>EVP 1105 E</td>
<td>English</td>
<td>brochure</td>
<td>Powder coatings – We make your powder coating more colorful: Colorants and additives from BASF for powder coatings</td>
<td>July 2005</td>
</tr>
<tr>
<td>EVP 3307 DE</td>
<td>English/German</td>
<td>flyer</td>
<td>Resisting the heat – New bismuth vanadate pigment minimises degradation from over-stoving</td>
<td>April 2007</td>
</tr>
<tr>
<td>EVP 11305-0704 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sico® Fast Red L 3855</td>
<td>April 2007</td>
</tr>
<tr>
<td>EVP 11205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sico® Red L 3750</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 11105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sico® Yellow FR 1252</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 004905-0507 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Sicoflush® preparations</td>
<td>July 2005</td>
</tr>
<tr>
<td>EVP 1105S E</td>
<td>English</td>
<td>flyer</td>
<td>Sicomin® pigments</td>
<td>July 2005</td>
</tr>
<tr>
<td>EVP 008505-0606 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Sicomin® pigments for coatings</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 1605S E</td>
<td>English</td>
<td>flyer</td>
<td>Sicomin® pigments for coil coating</td>
<td>April 2005</td>
</tr>
<tr>
<td>EVP 007805-0512 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Sicomin® pigments</td>
<td>December 2005</td>
</tr>
<tr>
<td>EVP 11805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicopal® Yellow L 1100</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00106-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicopal® Yellow L 1110</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 00206-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicopal® Yellow L 1120</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 11905-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicopal® Yellow L 1600</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 0604 D</td>
<td>German</td>
<td>brochure</td>
<td>Sicopal®: Brillanter Vorreiter (Bismutvanadat)</td>
<td>March 2004</td>
</tr>
<tr>
<td>EVP 008205-0511 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Sicotan® pigments for coatings</td>
<td>November 2005</td>
</tr>
<tr>
<td>EVP 12005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 1010</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00306-0612 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 1011</td>
<td>December 2006</td>
</tr>
<tr>
<td>EVP 12105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 1012</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 12205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 1910</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 12305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 1912</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 12405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 2010</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00406-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 2011</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 02705-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 2107</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 12505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotan® Yellow L 2110</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00606-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotrans® Orange L 2416</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 008605-0511 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Sicotrans® pigments for coatings</td>
<td>November 2005</td>
</tr>
<tr>
<td>EVP 00706-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotrans® Red L 2715 D</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 00806-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotrans® Red L 2816</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 12705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotrans® Red L 2817</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
## Coatings

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 12805-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotrans® Red L 2818</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 12905-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotrans® Red L 2915 D</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 00506-0607 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotrans® Yellow L 1915</td>
<td>July 2006</td>
</tr>
<tr>
<td>EVP 12605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Sicotrans® Yellow L 1916</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 000106-0609 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Test methods for colorants for coatings</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 0407X DE</td>
<td>English/German</td>
<td>pocket shade card</td>
<td>Xfast® – fast, safe, clean! Stir-in pigments for the coloration of</td>
<td>April 2007</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>paints and coatings</td>
<td></td>
</tr>
<tr>
<td>EVP 3706 E</td>
<td>English</td>
<td>brochure</td>
<td>Xfast® – More flexibility with Xfast®: The stir-in class</td>
<td>December 2006</td>
</tr>
<tr>
<td>EVP 3606 E</td>
<td>English</td>
<td>brochure</td>
<td>Xfast® – More flexibility with Xfast®: The stir-in class for</td>
<td>December 2006</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>transparent wood glazes</td>
<td></td>
</tr>
<tr>
<td>EVP 03705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Black 0066</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 03106-0610 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Black ED 7928 (0050)</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 03005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Black ED 7950 (0084)</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00906-0603 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Black EH 0249 (0060)</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Blue 6875</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 06005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Blue 7080</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Blue ED 7905 (6310)</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Brown 2915</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 2307 E</td>
<td>English</td>
<td>brochure</td>
<td>Xfast® Brown 2915 / Luconyl® NG Brown 2915 für orange and red</td>
<td>May 2007</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>shades – Impressive results in every formulation!</td>
<td></td>
</tr>
<tr>
<td>EVP 06105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Green 8730</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 03105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Green ED 7995 (9990)</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Magenta 4790</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Orange 2930</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02907-0706 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Orange EH 0397 (3100)</td>
<td>June 2007</td>
</tr>
<tr>
<td>EVP 04505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Red 3855</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Red 3860</td>
<td>March 2006</td>
</tr>
</tbody>
</table>
### Coatings

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 01006-0603 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Red EH 0279 (3390)</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Rot 2817</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 2807 E</td>
<td>English</td>
<td>brochure</td>
<td>Xfast® stir-in pigments for solar heat management – Cool down your paints</td>
<td>May 2007</td>
</tr>
<tr>
<td>EVP 04805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Violet 5894</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01306-0604 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® White EH 0299 (0025)</td>
<td>April 2006</td>
</tr>
<tr>
<td>EVP 03805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Yellow 0962</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Yellow 1256</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 04105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Yellow 1916</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 03305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Yellow EH 0221 (1990)</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01206-0603 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Xfast® Yellow EH 0292 (1102)</td>
<td>April 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
### Plastics

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 0206 E</td>
<td>English</td>
<td>brochure</td>
<td>Approved! – The BASF product compliance guide for plastics</td>
<td>November 2006</td>
</tr>
<tr>
<td>EVP 0606 E</td>
<td>English</td>
<td>brochure</td>
<td>Color your fibers with warranty! – FP pigments with certified filter pressure value</td>
<td>February 2006</td>
</tr>
<tr>
<td>EVP 008905-0512 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Colorants for plastics</td>
<td>December 2005</td>
</tr>
<tr>
<td>EVP 0107 DE</td>
<td>English/German</td>
<td>pocket shade card</td>
<td>Eupolen® pigment concentrates for masterbatch production</td>
<td>February 2007</td>
</tr>
<tr>
<td>EVP 003905-0506 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Eupolen® preparations</td>
<td>June 2005</td>
</tr>
<tr>
<td>EVP 1606 E</td>
<td>English</td>
<td>brochure</td>
<td>Eupolen® preparations for plastics – Simple as child’s play!</td>
<td>May 2006</td>
</tr>
<tr>
<td>EVP 001003.1 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Euviny l® C preparations</td>
<td>December 2004</td>
</tr>
<tr>
<td>EVP 2605 DE</td>
<td>English/German</td>
<td>pocket shade card</td>
<td>Euviny l® C preparations for coloring PVC compounds</td>
<td>June 2005</td>
</tr>
<tr>
<td>EVP 2806 E</td>
<td>English</td>
<td>brochure</td>
<td>Get your yellow organized – Yellow pigments for the coloring of plastics</td>
<td>November 2006</td>
</tr>
<tr>
<td>EVP 2005 E</td>
<td>English</td>
<td>brochure</td>
<td>Heliogen® Blue K 7104 LW – No warping, stable dimension!</td>
<td>June 2005</td>
</tr>
<tr>
<td>EVP 0106 E</td>
<td>English</td>
<td>brochure</td>
<td>Heliogen® Green K 8740 LW – No warping, stable dimension!</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 2506 E</td>
<td>English</td>
<td>brochure</td>
<td>Keep cool! Products for solar heat management in plastics</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 1804 E</td>
<td>English</td>
<td>CD/DVD Rom</td>
<td>Lucolor® 3.1 – Colorants for plastics</td>
<td>August 2004</td>
</tr>
<tr>
<td>EVP 2206 E</td>
<td>English</td>
<td>brochure</td>
<td>Lumogen® Black – We have cut the solar heat buildup of black in half</td>
<td>June 2006</td>
</tr>
<tr>
<td>EVP 2406 E</td>
<td>English</td>
<td>brochure</td>
<td>Lumogen® IR keeps your laser’s promises – Laser transmission welding of colored and transparent polymers</td>
<td>June 2006</td>
</tr>
<tr>
<td>EVP 3405 E</td>
<td>English</td>
<td>brochure</td>
<td>Lumogen® IR: All colors – polymer welding with lasers</td>
<td>September 2005</td>
</tr>
<tr>
<td>EVP 00803.1 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Oppasin® preparations</td>
<td>November 2004</td>
</tr>
<tr>
<td>EVP 2705 DE</td>
<td>English/German</td>
<td>pocket shade card</td>
<td>Oppasin® preparations for coloring rubber</td>
<td>June 2005</td>
</tr>
<tr>
<td>EVP 00107-0701 DE</td>
<td>English/German</td>
<td>shade card</td>
<td>Paliotol® Yellow K 0940</td>
<td>January 2007</td>
</tr>
<tr>
<td>EVP 2405 DE</td>
<td>English/German</td>
<td>pocket shade card</td>
<td>Pigments for plastics</td>
<td>June 2005</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format.
Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 4507 E</td>
<td>English</td>
<td>brochure</td>
<td>Sicopal® Black K 0095 – Cool black magic: NIR-reflecting black pigment</td>
<td>September 2007</td>
</tr>
<tr>
<td>EVP 2006 E</td>
<td>English</td>
<td>poster</td>
<td>Uvinul® – Get a grip on light with Uvinul®</td>
<td>May 2006</td>
</tr>
<tr>
<td>EVP 3306 E</td>
<td>English</td>
<td>brochure</td>
<td>Uvinul® – Get a grip on light with Uvinul®!</td>
<td>November 2006</td>
</tr>
<tr>
<td>EVP 1506 E</td>
<td>English</td>
<td>pocket shade card</td>
<td>Uvinul® – Get a grip on light with Uvinul®!</td>
<td>April 2006</td>
</tr>
<tr>
<td>EVP 3705 E</td>
<td>English</td>
<td>brochure</td>
<td>Uvinul® – Light stabilisation and more</td>
<td>November 2005</td>
</tr>
<tr>
<td>EVP 004605-0709 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Uvinul® light stabilizers</td>
<td>September 2007</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
### Printing inks

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 21705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Black X11</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Blue 636</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Blue 644 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 005105-0512 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Basonyl® dyes</td>
<td>December 2005</td>
</tr>
<tr>
<td>EVP 21605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Green 830 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 482</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 483</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 485</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 540</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 545 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 555 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 560</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Violet 602 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Yellow 105</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Cheque dye AS liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Blue 70-0507</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Blue D 6340</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Blue D 6380</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Blue D 6390</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Blue D 6391</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 00105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Blue D 6393</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15605-0609 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Green D 8330</td>
<td>September 2006</td>
</tr>
<tr>
<td>EVP 14505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Pink D 4810</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 14605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Pink D 4830</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 14705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Violet D 5460</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 14805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Violet D 5480</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 14905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Violet D 6060</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Violet D 6070</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Fanal® Violet D 6140</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 22405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blau D 7079</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue D 6700 T</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15805-0709 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue D 6840</td>
<td>September 2007</td>
</tr>
<tr>
<td>EVP 22505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue D 7086</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 15905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue D 7092</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue D 7107</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Blue D 7490</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green D 8605 DD</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green D 8725</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green D 8730</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Heliogen® Green D 9360</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Lithol® Scarlet D 3700</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Lithol® Scarlet D 4461</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 03505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Lumogen® Yellow S 0790</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 006905-0511 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Lumogen® Yellow S 0790</td>
<td>November 2005</td>
</tr>
<tr>
<td>EVP 17205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Magnetic pigment 025 BASF</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 17305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Magnetic pigment 340 BASF</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 17405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Magnetic pigment 345 BASF</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 17505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Magnetic pigment 346 BASF</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 003304.0 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Magnetic pigments</td>
<td>July 2004</td>
</tr>
<tr>
<td>EVP 2706 E</td>
<td>English</td>
<td>brochure</td>
<td>Make up your print products – Resins and colorants for UV inks and varnishschs</td>
<td>June 2006</td>
</tr>
<tr>
<td>EVP 13505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Black X51</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
### Printing inks

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 13605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Black X55</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Blue 807</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05605-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Brown 322</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 001905-0608 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Neozapon® dyes</td>
<td>April 2006</td>
</tr>
<tr>
<td>EVP 13405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Green 975</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 245</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 251</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 272</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Pink 478</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 2306 E</td>
<td>English</td>
<td>brochure</td>
<td>Neozapon® powder dyes for solvent-borne systems – The first solution</td>
<td>September 2006</td>
</tr>
<tr>
<td>EVP 2306S E</td>
<td>English</td>
<td>shade card</td>
<td>Neozapon® powder dyes for solvent-borne systems – The first solution</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 05705-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 335</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05805-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 355</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 365</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 395</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 471</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 081</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 141</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 157</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neptun® Red Base 543</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neptun® Red Base 546</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow D 0960</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 17005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow D 1155</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 17105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliotol® Yellow D 1819</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
## Printing inks

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 000204-0705 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Pigments for flexographic, gravure and offset packaging inks and</td>
<td>May 2007</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>for special printing applications</td>
<td></td>
</tr>
<tr>
<td>EVP 17705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Trilon® BDF</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 011903.1 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Trilon® BDF</td>
<td>December 2004</td>
</tr>
<tr>
<td>EVP 1405 E</td>
<td>English</td>
<td>brochure</td>
<td>True colors – Colorants for packaging and special printing applications</td>
<td>April 2005</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
**Specialty industries**

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 20205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Black X34 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Black X38 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Black X40 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Blue 762 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20105-0704 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Green 970</td>
<td>April 2007</td>
</tr>
<tr>
<td>EVP 19605-0705 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Orange 282 liquid</td>
<td>May 2007</td>
</tr>
<tr>
<td>EVP 19705-0704 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Red 316</td>
<td>April 2007</td>
</tr>
<tr>
<td>EVP 19805-0704 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Red 400 E</td>
<td>April 2007</td>
</tr>
<tr>
<td>EVP 19905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Red 495 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 19205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Yellow 093 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 19405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Yellow 099 flüssig</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 19505-0704 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basacid® Yellow 133 E</td>
<td>April 2007</td>
</tr>
<tr>
<td>EVP 21705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Black X11</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Blue 636</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Blue 644 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 005105-0512 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Basonyl® dyes</td>
<td>December 2005</td>
</tr>
<tr>
<td>EVP 21605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Green 830 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 482</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 483</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 485</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 20905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 540</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 545 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 555 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Red 560</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 21305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Violet 602 liquid</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 20505-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Basonyl® Yellow 105</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18005-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Cheque dye AS liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01305-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Black 0066</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01405-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Black 0076</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01505-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Black 0077</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01605-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Black 0079</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02305-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Blue 6900</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02405-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Blue 6910</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02005-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Brown 3581</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02605-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Green 8711</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02805-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Green 8730</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02905-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Green 8733</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01805-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Orange 3052</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01905-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Orange 3055</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02105-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Red 3855</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 02205-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Red 4301</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01205-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers White 0022</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 01705-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Dispers Yellow 1780</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 03505-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Lumogen® Yellow S 0790</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 006905-0511</td>
<td>English</td>
<td>Technical Information</td>
<td>Lumogen® Yellow S 0790</td>
<td>November 2005</td>
</tr>
<tr>
<td>EVP 17605-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Magnetic black S 0045</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13505-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Black X51</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13605-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Black X55</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13305-0602</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Blue 807</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05605-0608</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Brown 322</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 001905-0608</td>
<td>English</td>
<td>Technical Information</td>
<td>Neozapon® dyes</td>
<td>April 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
### Specialty industries

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 13405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Green 975</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 245</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 251</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Orange 272</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Pink 478</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 2306 E</td>
<td>English</td>
<td>brochure</td>
<td>Neozapon® powder dyes for solvent-borne systems – The first solution</td>
<td>September 2006</td>
</tr>
<tr>
<td>EVP 2306S E</td>
<td>English</td>
<td>shade card</td>
<td>Neozapon® powder dyes for solvent-borne systems – The first solution</td>
<td>October 2006</td>
</tr>
<tr>
<td>EVP 05705-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 335</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05805-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 355</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 365</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 395</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 13105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Red 471</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 081</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 141</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 05205-0608 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neozapon® Yellow 157</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 004903.1 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Neptun® bases, Neptun® dyes</td>
<td>November 2004</td>
</tr>
<tr>
<td>EVP 19005-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neptun® Black X17 liquid</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 19105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neptun® Black X60</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18905-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neptun® Blue 698</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18605-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neptun® Red Base 543</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18705-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neptun® Red Base 546</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Neptun® Yellow 075</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 16805-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Paliogen® Black S 0084</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18105-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Pigmosol® Black 0058</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18405-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Pigmosol® Blue 6900</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
Specialty industries

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 18505-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Pigmosol® Green 8730</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 006505-0512 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Pigmosol® preparations</td>
<td>December 2005</td>
</tr>
<tr>
<td>EVP 18305-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Pigmosol® Red 3855</td>
<td>March 2006</td>
</tr>
<tr>
<td>EVP 18205-0602 DE</td>
<td>English/German</td>
<td>technical data sheet</td>
<td>Pigmosol® Yellow 1250</td>
<td>March 2006</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 1207 E</td>
<td>English</td>
<td>brochure</td>
<td>Coil coating – Pigments, crosslinkers and additives</td>
<td>March 2007</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
## Specialty industries

<table>
<thead>
<tr>
<th>item number</th>
<th>language(s)</th>
<th>type</th>
<th>title</th>
<th>issue date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP 000303-0609 E</td>
<td>English</td>
<td>Technical Information</td>
<td>Luron® Binder grades</td>
<td>September 2006</td>
</tr>
<tr>
<td>EVP 2706 E</td>
<td>English</td>
<td>brochure</td>
<td>Make up your print products – Resins and colorants for UV inks and varnishes</td>
<td>June 2006</td>
</tr>
<tr>
<td>EVP 1405 E</td>
<td>English</td>
<td>brochure</td>
<td>True colors – Colorants for packaging and special printing applications</td>
<td>April 2005</td>
</tr>
</tbody>
</table>

This symbol denotes download-only PDF documents. Items not marked are available in print, most of them also in PDF format. Please ask our sales force for your copy of a document or, at your discretion, download PDF files from our website.
For detailed information, please refer to our Technical Information bulletin “Directives and regulations on the use of colorants in food-contact applications and toys” (EVP 003504 E), available from our sales force or our Internet site, or contact our product stewardship unit:

<table>
<thead>
<tr>
<th>product class</th>
<th>contact</th>
<th>telephone</th>
<th>e-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>team leader, general affairs</td>
<td>Dr. (Mr.) Raulfs</td>
<td>+49 621 60-52650</td>
<td><a href="mailto:friedrich-wilhelm.raulfs@basf.com">friedrich-wilhelm.raulfs@basf.com</a></td>
</tr>
<tr>
<td>pigments, organic</td>
<td>Dr. (Ms.) Beck</td>
<td>+49 621 60-40536</td>
<td><a href="mailto:karin.beck@basf.com">karin.beck@basf.com</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Breth</td>
<td>+49 621 60-45891</td>
<td><a href="mailto:manfred.breth@basf.com">manfred.breth@basf.com</a></td>
</tr>
<tr>
<td>pigments, inorganic</td>
<td>Dr. (Ms.) Gebhardt</td>
<td>+49 621 60-72737</td>
<td><a href="mailto:birgitta.gebhardt@basf.com">birgitta.gebhardt@basf.com</a></td>
</tr>
<tr>
<td>pigments, effect</td>
<td>Mr. Schwanse</td>
<td>+49 621 60-71503</td>
<td><a href="mailto:walter.schwanse@basf.com">walter.schwanse@basf.com</a></td>
</tr>
<tr>
<td>pigment preparations</td>
<td>Mr. Schwanse</td>
<td>+49 621 60-71503</td>
<td><a href="mailto:walter.schwanse@basf.com">walter.schwanse@basf.com</a></td>
</tr>
<tr>
<td>dyestuffs</td>
<td>Dr. (Ms.) Beck</td>
<td>+49 621 60-40536</td>
<td><a href="mailto:karin.beck@basf.com">karin.beck@basf.com</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Breth</td>
<td>+49 621 60-45891</td>
<td><a href="mailto:manfred.breth@basf.com">manfred.breth@basf.com</a></td>
</tr>
<tr>
<td>light stabilizers</td>
<td>Dr. (Mr.) Dreyer</td>
<td>+49 621 60-47937</td>
<td><a href="mailto:ulrich.dreyer@basf.com">ulrich.dreyer@basf.com</a></td>
</tr>
</tbody>
</table>

postal address
BASF Aktiengesellschaft
E-EVP/QS – J550
67056 Ludwigshafen Germany
facsimile: +49 621 60-40673
<table>
<thead>
<tr>
<th>product</th>
<th>Type 8081</th>
<th>Type 8082</th>
<th>France</th>
<th>U.S.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basacid® Black X34 liquid</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Black X38 liquid</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Black X40 liquid</td>
<td>no</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Yellow 099 liquid</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Yellow 133 E</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Orange 282 liquid</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Red 316</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Red 400 E</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Red 495 liquid</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Blue 762 liquid</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basacid® Green 970</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basantal® Black X82 liquid</td>
<td>no</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basantal® Yellow 099 liquid</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basantal® Yellow 215 liquid</td>
<td>no</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Basantal® Blue 762 liquid</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Black 00-6001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Black 00-6005</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 09-6101</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 1 % (in terms of the amount of pigment)</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 09-6104</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 1 % (in terms of the amount of pigment)</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 11-5501</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 11-5504</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 17-0001</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 18-4101</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 18-4105</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 22-7001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate: 1 % (in terms of the amount of pigment), limited to PE-HD, PP and their copolymers</td>
</tr>
<tr>
<td>product</td>
<td>Type 8081</td>
<td>Type 8082</td>
<td>France</td>
<td>U.S.A.</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Eupolen® PE Yellow 22-7004</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate: 1 % (in terms of the amount of pigment), limited to PE-HD, PP and their copolymers</td>
</tr>
<tr>
<td>Eupolen® PE Brown 29-1505</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Red 34-3001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Red 39-1101</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>FCN 000118, maximum application rate in all polymers: 1 % (in terms of the amount of pigment), observe limitations/specifications</td>
</tr>
<tr>
<td>Eupolen® PE Red 39-1104</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>FCN 000118, maximum application rate in all polymers: 1 % (in terms of the amount of pigment), observe limitations/specifications</td>
</tr>
<tr>
<td>Eupolen® PE Red 41-6001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Red 41-6505</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Scarlet 43-0005</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Scarlet 44-6105</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Red 47-9001</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Violet 58-9001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Violet 58-9005</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Blue 64-7005</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Eupolen® PE Blue 69-1501</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 69-2001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 69-2004</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 69-2005</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 70-9001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 70-9004</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 70-9005</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 70-9101</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 71-0401</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Blue 71-0404</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Product</td>
<td>Type 8081</td>
<td>Type 8082</td>
<td>France</td>
<td>U.S.A.</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3004</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3005</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Eupolen® PE Green 93-6001</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td></td>
</tr>
<tr>
<td>Fanal® Pink D 4810</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Pink D 4830</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Violet D 5460</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Violet D 5480</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Violet D 6060</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Violet D 6070</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Violet D 6140</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Blue D 6340</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Blue D 6380</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Blue D 6390</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Blue D 6391</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Blue D 6393</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Fanal® Green D 8330</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Heliogen® Blue D 6700 T</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6700 F</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue K 6850</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6870</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6875 F</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6900</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6901 F</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue K 6902</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6905 F</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue K 6907</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
</tbody>
</table>

Note: FCN 000411, maximum application rate in all polymers: 1 % (in terms of the amount of pigment), observe limitations/specifications.
<table>
<thead>
<tr>
<th>Product</th>
<th>Type 8081</th>
<th>Type 8082</th>
<th>France</th>
<th>U.S.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heliogen® Blue K 6911 D</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue K 6911 FP</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6920</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6930</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6975 F</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 6989 F</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 7072 D</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue D 7079</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 7080</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 7081 D</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 7085</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue D 7086</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue K 7090</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue K 7090 FP</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue D 7092</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 7101 F</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue K 7104 LW</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue D 7107</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Blue L 7460</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Heliogen® Blue D 7490</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Heliogen® Green D 8605 DD</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green L 8605</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green L 8690</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green D 8725</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green D 8730</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green K 8730</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green K 8730 FP</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green L 8730</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green L 8731</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green L 8735</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Heliogen® Green K 8740 LW</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>product</td>
<td>Type 8081</td>
<td>Type 8082</td>
<td>France</td>
<td>U.S.A.</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Heliogen® Green D 9360</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>FCN 000411, maximum application rate in all polymers: 1 %, observe limitations/specifications</td>
</tr>
<tr>
<td>Heliogen® Green K 9360</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>FCN 000411, maximum application rate in all polymers: 1 %, observe limitations/specifications</td>
</tr>
<tr>
<td>Heliogen® Green L 9361</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Lithol® Scarlet K 4165</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Lithol® Fast Scarlet L 4300</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Lithol® Scarlet D 4461</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Lithol® Fast Maroon L 4763</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Lumogen® Yellow S 0790</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Lumogen® F Orange 240</td>
<td>not suitable for polyethylene (migration)</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Lumogen® F Red 305</td>
<td>not suitable for polyethylene (migration)</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Lumogen® F Violet 570</td>
<td>not suitable for polyethylene (migration)</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Lumogen® F Blue 650</td>
<td>not suitable for polyethylene (migration)</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Lumogen® F Green 850</td>
<td>not suitable for polyethylene (migration)</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Magnetic Black S 0045</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Magnetic pigment 025 BASF</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Magnetic pigment 340 BASF</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Magnetic pigment 345 BASF</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Magnetic pigment 346 BASF</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>product</td>
<td>Type 8081</td>
<td>Type 8082</td>
<td>France</td>
<td>U.S.A.</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Neozapon® Black X51</td>
<td>no</td>
<td>Type 8081 conformity (acid-soluble chromium content &gt; 100 ppm) but meets requirements of BfR Recommendation IX</td>
<td>chromium content not below 60 ppm, EN 71-3 only permits maximum application rate of 6% (calculated for 1,000 ppm chromium)</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Black X55</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Yellow 157</td>
<td>yes</td>
<td>no</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Neozapon® Orange 251</td>
<td>no</td>
<td>Type 8081 conformity (acid-soluble chromium content &gt; 100 ppm) but meets requirements of BfR Recommendation IX</td>
<td>chromium content not below 60 ppm, EN 71-3 only permits maximum application rate of 6% (calculated for 1,000 ppm chromium)</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Orange 272</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Red 335</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Red 355</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Red 365</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Red 395</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Red 471</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Pink 478</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neozapon® Blue 807</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neptun® Black X60</td>
<td>no</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neptun® Yellow 075</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Neptun® Blue 698</td>
<td>no</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliocrom® Gold L 2000</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliocrom® Gold L 2020</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliocrom® Orange L 2800</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliocrom® Sparkling Red L 3505</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliogen® Black L 0086</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>product</td>
<td>Type 8081</td>
<td>Type 8082</td>
<td>France</td>
<td>U.S.A.</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Paliogen® Red K 3580</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>FCN 000115, maximum application rate in all polymers: 1 %, observe limitations/specifications</td>
</tr>
<tr>
<td>Paliogen® Red L 3875</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliogen® Red L 3880 HD</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>FCN 000118, maximum application rate in all polymers: 1 %, observe limitations/specifications</td>
</tr>
<tr>
<td>Paliogen® Red L 3885</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliogen® Red L 3910 HD</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>FCN 000118, maximum application rate in all polymers: 1 %, observe limitations/specifications</td>
</tr>
<tr>
<td>Paliogen® Red K 3911 HD</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>FCN 000118, maximum application rate in all polymers: 1 %, observe limitations/specifications</td>
</tr>
<tr>
<td>Paliogen® Maroon L 3920</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliogen® Maroon L 3980</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliogen® Red L 4120</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliogen® Red K 4180</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliogen® Red Violet K 5011</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliogen® Blue L 6385</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliogen® Blue L 6470</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliogen® Blue L 6480</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliogen® Blue L 6482</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliogen® Blue L 6495 F</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliontan® Yellow L 1135</td>
<td>yes</td>
<td>no</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliontan® Yellow L 1145</td>
<td>yes</td>
<td>no</td>
<td>no</td>
<td>no</td>
</tr>
</tbody>
</table>
## Section 4 – Approvals for food-contact applications and children’s toys

<table>
<thead>
<tr>
<th>Product</th>
<th>Type 8081</th>
<th>Type 8082</th>
<th>France</th>
<th>U.S.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paliotan® Yellow L 1240</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotan® Yellow L 1645</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotan® Yellow L 1945</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotan® Yellow L 2045</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotan® Yellow L 2145 H</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliotan® Orange L 2935</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotan® Red L 3735</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliotan® Red L 3745</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow K 0940</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow D 0960</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliotol® Yellow L 0960 HD</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliotol® Yellow K 0961 HD</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliotol® Yellow L 0962 HD</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliotol® Yellow K 1090</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 1 %</td>
</tr>
<tr>
<td>Paliotol® Yellow D 1155</td>
<td>yes</td>
<td>yes</td>
<td>approval limited to printing inks; maximum application rate: 20 %</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1155</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow K 1700</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1772</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow D 1819</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1820</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow K 1841</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow K 1841 FP</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow L 1970</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow L 2140 HD</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
</tbody>
</table>
### Approvals for food-contact applications and children’s toys

<table>
<thead>
<tr>
<th>Product</th>
<th>Type 8081</th>
<th>Type 8082</th>
<th>France</th>
<th>U.S.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paliotol® Yellow K 2142 H</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Paliotol® Yellow K 2270</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate: 1 %, limited to PE-HD and PP and their copolymers</td>
</tr>
<tr>
<td>Paliotol® Orange K 2920</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Paliotol® Orange L 2930 HD</td>
<td>no</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Pigmosol® Black 0058</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Pigmosol® Yellow 1250</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Pigmosol® Red 3855</td>
<td>no</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Pigmosol® Blue 6900</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Pigmosol® Green 8730</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Rightfit® Yellow K 1994</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Rightfit® Red K 3790</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Rightfit® Red K 4350</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sico® Yellow FR 1252</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sico® Red L 3750</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sico® Fast Red L 3855</td>
<td>no</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Black K 0095</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Yellow L 1100</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Yellow L 1110</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Yellow K 1120 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Yellow L 1120</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Yellow K 1160 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Yellow L 1600</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Brown K 2595</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Brown K 2795 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Blue K 6210</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 5 %; no limit for 21 CFR 175.300 in various resins and EVA polymers</td>
</tr>
<tr>
<td>product</td>
<td>Type 8081</td>
<td>Type 8082</td>
<td>France</td>
<td>U.S.A.</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Sicopal® Blue K 6310</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>maximum application rate in polymers: 5%; no limit for 21 CFR 175.300 in various resins and EVA polymers</td>
</tr>
<tr>
<td>Sicopal® Blue K 6710</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Blue K 7210</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Sicopal® Green K 9110</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicopal® Green K 9610</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicopal® Green K 9710</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 1010</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 1010 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1010</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 1011</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 1011 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1011</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1012</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1910</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow L 1912</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 2001</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 2001 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Product</td>
<td>Type 8081</td>
<td>Type 8082</td>
<td>France</td>
<td>U.S.A.</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>-----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Sicotan® Yellow L 2010</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 2011</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 2011 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow L 2011</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow L 2107</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow L 2110</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 2111</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 2111 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 2112</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Yellow K 2112 FG</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>21 CFR 170.39, maximum application rate in polymers: 2 %</td>
</tr>
<tr>
<td>Sicotan® Brown K 2611</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Sicotan® Brown K 2711</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Sicotan® Brown K 2750 FG</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Sicotrans® Yellow L 1915</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sicotrans® Yellow L 1916</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sicotrans® Orange L 2416</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sicotrans® Red L 2715 D</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sicotrans® Red L 2816</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sicotrans® Red L 2817</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sicotrans® Red L 2818</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sicotrans® Red K 2819</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Sicotrans® Red K 2915</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>product</td>
<td>Type 8081</td>
<td>Type 8082</td>
<td>France</td>
<td>U.S.A.</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Sicotrans® Red L 2915 D</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Thermoplast® Black X70</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Thermoplast® F Yellow 084</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Thermoplast® Yellow 104</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>Thermoplast® Red 454</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Thermoplast® Blue 670</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Thermoplast® Blue 684</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>product</td>
<td>EU</td>
<td>U.S.A.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------</td>
<td>--------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3008</td>
<td>yes</td>
<td>21 CFR 178.2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3026</td>
<td>yes</td>
<td>21 CFR 178.2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3027</td>
<td>yes</td>
<td>no</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3028</td>
<td>yes</td>
<td>21 CFR 175.105</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3029</td>
<td>yes</td>
<td>21 CFR 178.2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3030</td>
<td>2002/72/EEC: SML value 0.05 mg/kg, BfR Recommendation III Polyethylene: 0.5 %</td>
<td>FCN 000277, observe limitations/specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3033 P</td>
<td>yes</td>
<td>21 CFR 178.2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3034</td>
<td>yes</td>
<td>21 CFR 178.2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3035</td>
<td>2002/72/EEC: SML value 0.05 mg/kg for all polymers, BfR Recommendation II PVC: SML value 0.05 mg/kg</td>
<td>FCN 000212, observe limitations/specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 3039</td>
<td>2002/72/EEC: SML value 0.05 mg/kg, BfR Recommendation II PVC: 0.3 %, BfR Recommendation XVII PET 0.5 %</td>
<td>FCN 000217, observe limitations/specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 4050 H</td>
<td></td>
<td>FCN 000647, observe limitations/specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 4077 H</td>
<td></td>
<td>21 CFR 178.2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 5050 H</td>
<td></td>
<td>FCN 000480, observe limitations/specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvinul® 5062 H</td>
<td>yes</td>
<td>21 CFR 178.2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colorant</td>
<td>Supplier Code</td>
<td>Color Index</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>---------------</td>
<td>------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Black 63</strong></td>
<td>Cheque Dyestuff AS liquid</td>
<td>12195</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basantol® U Black X84 liquid</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Black 194</strong></td>
<td>Basacid® Black X40 liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basantol® Black X82 liquid</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Brown 355</strong></td>
<td>Basantol® Brown 269 liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Green 1</strong></td>
<td>Basacid® Green 970</td>
<td>10020</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Orange 7</strong></td>
<td>Basacid® Orange 282 liquid</td>
<td>15510 (similar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Orange 89</strong></td>
<td>Basantol® U Orange 255 liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Orange 142</strong></td>
<td>Basantol® Orange 273 liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Red 18</strong></td>
<td>Basacid® Red 400 E</td>
<td>16255</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Red 87</strong></td>
<td>Basacid® Red 316</td>
<td>45380</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Red 226</strong></td>
<td>Basantol® U Red 345 liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Red 357</strong></td>
<td>Basantol® Red 311 liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Violet 74</strong></td>
<td>Basantol® U Blue 745 liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Violet 90</strong></td>
<td>Basantol® Bordeaux 415 liquid</td>
<td>18762</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Yellow 3</strong></td>
<td>Basacid® Yellow 093 liquid</td>
<td>47005</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Yellow 5</strong></td>
<td>Basacid® Yellow 099 liquid</td>
<td>47035 (similar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Yellow 23</strong></td>
<td>Basantol® Yellow 099 liquid</td>
<td>19140</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Yellow 59</strong></td>
<td>Basantol® U Yellow 145 liquid</td>
<td>18690</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Yellow 119</strong></td>
<td>Basantol® U Yellow 155 liquid</td>
<td>11700</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acid Yellow 204</strong></td>
<td>Basantol® Yellow 215 liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Blue 7</strong></td>
<td>Basony® Blue 636</td>
<td>42595</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Blue 26</strong></td>
<td>Basony® Blue 644 liquid</td>
<td>44045 (similar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Green 4</strong></td>
<td>Basony® Green 830 liquid</td>
<td>42000 (similar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Red 1</strong></td>
<td>Basony® Red 482</td>
<td>45160</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Red 1</strong></td>
<td>Basony® Red 483</td>
<td>45160 (similar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Red 1:1</strong></td>
<td>Basony® Red 485</td>
<td>45161</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Violet 1</strong></td>
<td>Basony® Violet 602 liquid</td>
<td>42535 (similar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Violet 10</strong></td>
<td>Basony® Red 540</td>
<td>45170</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Violet 11:1</strong></td>
<td>Basony® Red 545 liquid</td>
<td>45174 (similar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Black 1</strong></td>
<td>Dispers Black 0066</td>
<td>77266</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Euviny® Black 00-5402</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Euviny® C Black 00-5402</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sicoflush® L Black 0054</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sicoflush® P Black 0054</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pigmosol® Black 0058</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Luconyl® Black 0060</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Luconyl® NG Black 0060</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oppasin® Black 0060</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Xfast® Black EH 0249 (0060)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Eupolen® PE Black 00-6001</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Eupolen® PE Black 00-6005</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Eupolen® PP Black 00-6005</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Eupolen® PA Black 00-6305</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sicoflush® L Black 0063</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dispers Black 0066</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Luconyl® Black 0066</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Luconyl® NG Black 0066</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Xfast® Black 0066</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dispers Black 0076</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pigment Black 11</td>
<td>77499</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>-------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnetic pigment 345 BASF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnetic pigment 346 BASF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Black 25</th>
<th>77332</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicocer® F Gray 1985</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Black 27</th>
<th>77502</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicopal® Black K 0090</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Black 2904</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Black 2955</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Black 10901</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Black 31</th>
<th>71132</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xfast® Black ED 7950 (0084)</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Black S 0084</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Black 32</th>
<th>71133</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paliogen® Black L 0086</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Blue 1</th>
<th>42595:2 (similar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fanal® Blue D 6340</td>
<td></td>
</tr>
<tr>
<td>Fanal® Blue D 6390</td>
<td></td>
</tr>
<tr>
<td>Fanal® Blue D 6391</td>
<td></td>
</tr>
<tr>
<td>Fanal® Blue D 6393</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Blue 15</th>
<th>74160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heliogen® Blue D 6840</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue K 6850</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Blue 15:1</th>
<th>74160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PA Blue 68-1105</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Blue 6880</td>
<td></td>
</tr>
<tr>
<td>Dispers Blue 6900</td>
<td></td>
</tr>
<tr>
<td>Luconyl® Blue 6900</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Blue 6900</td>
<td></td>
</tr>
<tr>
<td>Oppasin® Blue 6900</td>
<td></td>
</tr>
<tr>
<td>Pigmosol® Blue 6900</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Blue 15:2</th>
<th>74160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heliogen® Blue L 6870</td>
<td></td>
</tr>
<tr>
<td>Xfast® Blue 6875</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue L 6875 F</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue L 6901 F</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue L 6905 F</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue L 6975 F</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue L 6989 F</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Blue 15:3</th>
<th>74160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispers Blue 70-0507</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue L 7072 D</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue D 7079</td>
<td></td>
</tr>
<tr>
<td>Luconyl® Blue 7080</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Blue 7080</td>
<td></td>
</tr>
<tr>
<td>Xfast® Blue 7080</td>
<td></td>
</tr>
<tr>
<td>Heliogen® Blue L 7080</td>
<td></td>
</tr>
<tr>
<td>Pigment Blue 36</td>
<td>77343</td>
</tr>
<tr>
<td>----------------</td>
<td>-------</td>
</tr>
<tr>
<td>Sicocer® F Blue 2555</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Blue Green 10407</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Blue K 6710</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Blue K 7210</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Blue 60</strong></td>
<td><strong>69800</strong></td>
</tr>
<tr>
<td>Paligen® Blue L 6360</td>
<td></td>
</tr>
<tr>
<td>Paligen® Blue L 6385</td>
<td></td>
</tr>
<tr>
<td>Oppasin® Blue 6470</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Blue 64-7005</td>
<td></td>
</tr>
<tr>
<td>Paligen® Blue L 6470</td>
<td></td>
</tr>
<tr>
<td>Paligen® Blue L 6480</td>
<td></td>
</tr>
<tr>
<td>Paligen® Blue L 6482</td>
<td></td>
</tr>
<tr>
<td>Paligen® Blue L 6495 F</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Blue 62</strong></td>
<td><strong>42595:4</strong></td>
</tr>
<tr>
<td>Fanal® Blue D 6380</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Blue 71</strong></td>
<td><strong>77998</strong></td>
</tr>
<tr>
<td>Sicocer® F Turquoise 2504</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Blue 72</strong></td>
<td><strong>77347</strong></td>
</tr>
<tr>
<td>Sicocer® F Blue 2508</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Blue 73</strong></td>
<td><strong>77364</strong></td>
</tr>
<tr>
<td>Sicocer® F Cobalt Blue 10517</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Brown 24</strong></td>
<td><strong>77310</strong></td>
</tr>
<tr>
<td>Sicotan® Yellow L 1910</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow L 1912</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2001</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2001 FG</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow L 2010</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2011</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow K 2011 FG</td>
<td></td>
</tr>
<tr>
<td>Sicotan® Yellow L 2011</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Brown 29</strong></td>
<td><strong>77500</strong></td>
</tr>
<tr>
<td>Sicopal® Black K 0095</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Brown K 2795 FG</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Brown 31</strong></td>
<td><strong>77496</strong></td>
</tr>
<tr>
<td>Sicopal® Brown K 2595</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Brown 33</strong></td>
<td><strong>77503</strong></td>
</tr>
<tr>
<td>Sicocer® F Brown 2726</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Brown 2730</td>
<td></td>
</tr>
<tr>
<td>Sicocer® F Red Brown 10705</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Green 1</strong></td>
<td><strong>42040:1 (similar)</strong></td>
</tr>
<tr>
<td>Fanal® Green D 8330</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Green 7</strong></td>
<td><strong>74260</strong></td>
</tr>
<tr>
<td>Heligen® Green D 8605 DD</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green K 8605</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green L 8605</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green K 8683</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green L 8690</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green D 8725</td>
<td></td>
</tr>
<tr>
<td>Dispers Green 8730</td>
<td></td>
</tr>
<tr>
<td>Luconyl® Green 8730</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Green 8730</td>
<td></td>
</tr>
<tr>
<td>Oppasin® Green 8730</td>
<td></td>
</tr>
<tr>
<td>Pigmosol® Green 8730</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Green 7</strong></td>
<td><strong>74265</strong></td>
</tr>
<tr>
<td>Xfast® Green 8730</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3001</td>
<td></td>
</tr>
<tr>
<td>Euviny® C Green 87-3002</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3004</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Green 87-3005</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Green 87-3005</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Green 87-3005</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green D 8730</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green K 8730</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green K 8730 FP</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green L 8730</td>
<td></td>
</tr>
<tr>
<td>Sicoflush® P Green 8730</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green L 8731</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green L 8735</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green K 8740 LW</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Green 17</strong></td>
<td><strong>77288</strong></td>
</tr>
<tr>
<td>Xfast® Green ED 7995 (9990)</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Green 36</strong></td>
<td><strong>74265</strong></td>
</tr>
<tr>
<td>Luconyl® Green 9360</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Green 9360</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Green 93-6001</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green D 9360</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green K 9360</td>
<td></td>
</tr>
<tr>
<td>Heligen® Green L 9361</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Green 50</strong></td>
<td><strong>77377</strong></td>
</tr>
<tr>
<td>Sicopal® Green K 9110</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Green K 9610</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Green K 9710</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Orange 5</strong></td>
<td><strong>12075</strong></td>
</tr>
<tr>
<td>Dispers Orange 3052</td>
<td></td>
</tr>
</tbody>
</table>
### Pigments, pigment preparations, dyes and light stabilizers

**for coatings, plastics, printing inks and specialty industries**

#### EVP 1007 e, September 2007

**Section 5 – Colorants by Colour Index**

<table>
<thead>
<tr>
<th>Part 1</th>
<th>Part 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pigment Orange 5</strong></td>
<td>12075</td>
</tr>
<tr>
<td>Luconyl® Orange 3053</td>
<td>Luconyl® NG Orange 3111</td>
</tr>
<tr>
<td><strong>Pigment Orange 13</strong></td>
<td>21110</td>
</tr>
<tr>
<td>Oppasin® Orange 3050</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Orange 34</strong></td>
<td>21115</td>
</tr>
<tr>
<td>Dispers Orange 3055</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Orange 67</strong></td>
<td>12915</td>
</tr>
<tr>
<td>Luconyl® NG Orange 2930</td>
<td>Xfast® Orange 2930</td>
</tr>
<tr>
<td>Paliotol® Orange L 2930 HD</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Orange 73</strong></td>
<td>–</td>
</tr>
<tr>
<td>Xfast® Orange EH 0397 (3100)</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Orange 79</strong></td>
<td>–</td>
</tr>
<tr>
<td>Paliotol® Orange K 2920</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 3</strong></td>
<td>12120</td>
</tr>
<tr>
<td>Sico® Red L 3750</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 48:1</strong></td>
<td>15865:1</td>
</tr>
<tr>
<td>Oppasin® Scarlet 3700</td>
<td>Eupolen® PE Scarlet 37-0005</td>
</tr>
<tr>
<td>Lithol® Scarlet D 3700</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 48:2</strong></td>
<td>15865:2</td>
</tr>
<tr>
<td>Eupolen® PE Scarlet 44-6105</td>
<td>Eupolen® PP Scarlet 44-6105</td>
</tr>
<tr>
<td>Lithol® Scarlet D 4461</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 48:3</strong></td>
<td>15865:3</td>
</tr>
<tr>
<td>Eupolen® PE Red 41-6001</td>
<td>Eupolen® PE Red 41-6505</td>
</tr>
<tr>
<td>Eupolen® PP Red 41-6505</td>
<td>Lithol® Scarlet K 4165</td>
</tr>
<tr>
<td><strong>Pigment Red 48:4</strong></td>
<td>15865:4</td>
</tr>
<tr>
<td>Euvynyl® C Scarlet 43-0002</td>
<td>Eupolen® PE Scarlet 43-0005</td>
</tr>
<tr>
<td>Lithol® Fast Scarlet L 4300</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 52:2</strong></td>
<td>15860:2</td>
</tr>
<tr>
<td>Lithol® Fast Maroon L 4763</td>
<td>Sicoflush® P Maroon 4763</td>
</tr>
<tr>
<td><strong>Pigment Red 53:3</strong></td>
<td>15585:3</td>
</tr>
<tr>
<td>Lithol® Red K 3690</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 57:1</strong></td>
<td>15850:1</td>
</tr>
<tr>
<td>Oppasin® Rubine 4630</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 81:2</strong></td>
<td>45161:1</td>
</tr>
<tr>
<td>Fanal® Pink D 4830</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 101</strong></td>
<td>77491</td>
</tr>
<tr>
<td>Sico® Red L 2715 D</td>
<td>Liuceny® Red 2817</td>
</tr>
<tr>
<td>Sico® Red L 2816</td>
<td>Xfast® Red 2817</td>
</tr>
<tr>
<td>Sico® Red L 2818</td>
<td>Sico® Red L 2817</td>
</tr>
<tr>
<td>Sico® Red K 2819</td>
<td>Sicoflush® L Red 2817</td>
</tr>
<tr>
<td>Luconyl® Brown 2915</td>
<td>Sicoflush® P Red 2817</td>
</tr>
<tr>
<td>Eupolen® PE Brown 29-1505</td>
<td>Luconyl® NG Brown 2915</td>
</tr>
<tr>
<td>Eupolen® PP Brown 29-1505</td>
<td>Xfast® Brown 2915</td>
</tr>
<tr>
<td>Sico® Fast Red L 3230 S</td>
<td></td>
</tr>
<tr>
<td>Sico® Fast Red L 3330 S</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Red 112</strong></td>
<td>12370</td>
</tr>
<tr>
<td>Dispers Red 3855</td>
<td>Luconyl® NG Red 3855</td>
</tr>
<tr>
<td>Luconyl® Red 3855</td>
<td>Luconyl® Red 3855</td>
</tr>
<tr>
<td>Pigmosol® Red 3855</td>
<td>Xfast® Red 3855</td>
</tr>
<tr>
<td>Xfast® Red 3855</td>
<td>Sico® Fast Red L 3855</td>
</tr>
<tr>
<td>Sicoflush® P Red 3855</td>
<td></td>
</tr>
<tr>
<td>Pigment Red 112</td>
<td>12370</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------</td>
</tr>
<tr>
<td>Dispers Red 3856</td>
<td></td>
</tr>
<tr>
<td>Pigment Red 122</td>
<td>73915</td>
</tr>
<tr>
<td>Luconyl® NG Magenta 4790</td>
<td></td>
</tr>
<tr>
<td>Xfast® Magenta 4790</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Red 47-9001</td>
<td></td>
</tr>
<tr>
<td>Pigment Red 144</td>
<td>20735</td>
</tr>
<tr>
<td>Eupolen® PP Red 37-8005</td>
<td></td>
</tr>
<tr>
<td>Pigment Red 149</td>
<td>71137</td>
</tr>
<tr>
<td>Eupolen® PA Red 35-8005</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Red 35-8005</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red K 3580</td>
<td></td>
</tr>
<tr>
<td>Pigment Red 169</td>
<td>45160:2</td>
</tr>
<tr>
<td>Fanal® Pink D 4810</td>
<td></td>
</tr>
<tr>
<td>Pigment Red 178</td>
<td>71155</td>
</tr>
<tr>
<td>Euvinyl® C Red 36-8002</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red L 3880 HD</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red L 3910 HD</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Red 39-1101</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Red 39-1104</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red K 3911 HD</td>
<td></td>
</tr>
<tr>
<td>Pigment Red 179</td>
<td>71130</td>
</tr>
<tr>
<td>Paliogen® Red L 3875</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Bordeaux 38-8505</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red L 3885</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Maroon L 3920</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Maroon L 3980</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red L 4120</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PA Red 41-8005</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Red 41-8005</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red K 4180</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Red 202</th>
<th>73907</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PA Pink 49-1005</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Red 232</th>
<th>45170:2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicoscer® F Coral 45170:2</td>
<td></td>
</tr>
<tr>
<td>Paliogen® PE Red 57-9005</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Red 58-9001</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Violet 58-9005</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Violet 23</th>
<th>51319</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicosflush® P Violet 5890</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Violet 5894</td>
<td></td>
</tr>
<tr>
<td>Luconyl® Violet 5894</td>
<td></td>
</tr>
<tr>
<td>Xfast® Violet 5894</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Violet 27</th>
<th>42535:3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fanal® Violet D 6140</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Violet 29</th>
<th>71129</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PA Violet 50-1105</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PP Violet 50-1105</td>
<td></td>
</tr>
<tr>
<td>Paliogen® Red Violet K 5011</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment White 6</th>
<th>77891</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispers White 0022</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG White 0022</td>
<td></td>
</tr>
<tr>
<td>Luconyl® White 0022</td>
<td></td>
</tr>
<tr>
<td>Xfast® White EH 0299 (0025)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Yellow 1</th>
<th>11680</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luconyl® Yellow 1250</td>
<td></td>
</tr>
<tr>
<td>Pigmosol® Yellow 1250</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Yellow 3</th>
<th>11710</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luconyl® NG Yellow 0911</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Yellow 13</th>
<th>21100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oppasin® Yellow 1351</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Yellow 34</th>
<th>77603</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicomin® Yellow L 1425</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1522</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1622</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1622 Typ U</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1625</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow K 1630 S</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1630 S</td>
<td></td>
</tr>
</tbody>
</table>
### Pigments, pigment preparations, dyes and light stabilizers

#### for coatings, plastics, printing inks and specialty industries

**Section 5 – Colorants by Colour Index**

<table>
<thead>
<tr>
<th>Pigment Yellow 34</th>
<th>77603</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicomin® Yellow L 1635 S</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1835 S</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow K 1922</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1922</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1922 Typ U</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow K 1925</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 1925</td>
<td></td>
</tr>
<tr>
<td>Sicomin® Yellow L 2135 S</td>
<td></td>
</tr>
</tbody>
</table>

**Pigment Yellow 42** 77492

| Sicotrans® Yellow L 1915 |
| Xfast® Yellow 1990 |
| Luconyl® NG Yellow 1995 |
| Luconyl® Yellow 1995 |

**Pigment Yellow 42 (transparent)** 77492

| Luconyl® NG Yellow 1916 |
| Luconyl® Yellow 1916 |
| Xfast® Yellow 1916 |
| Sicotrans® Yellow L 1916 |
| Sicoflush® L Yellow 1916 C 4 |
| Sicoflush® P Yellow 1916 |

**Pigment Yellow 53** 77788

| Sicotan® Yellow K 1010 |
| Sicotan® Yellow K 1010 FG |
| Sicotan® Yellow L 1010 |
| Sicotan® Yellow K 1011 |
| Sicotan® Yellow K 1011 FG |
| Sicotan® Yellow L 1011 |
| Sicotan® Yellow L 1012 |

**Pigment Yellow 62** 13940

| Rightfit® Yellow K 1994 |

<table>
<thead>
<tr>
<th>Pigment Yellow 74</th>
<th>11741</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luconyl® Yellow 1252</td>
<td></td>
</tr>
<tr>
<td>Sico® Yellow FR 1252</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Yellow 1256</td>
<td></td>
</tr>
<tr>
<td>Xfast® Yellow 1256</td>
<td></td>
</tr>
</tbody>
</table>

**Pigment Yellow 83** 21108

| Dispers Yellow 1780 |
| Euviny® C Yellow 17-8102 |

**Pigment Yellow 101** 48052

| Lumogen® Yellow S 0790 |

<table>
<thead>
<tr>
<th>Pigment Yellow 138</th>
<th>56300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palio®® Yellow K 0940</td>
<td></td>
</tr>
<tr>
<td>Palio®® Yellow D 0960</td>
<td></td>
</tr>
<tr>
<td>Palio®® Yellow L 0960 HD</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Yellow 09-6101</td>
<td></td>
</tr>
<tr>
<td>Euviny® C Yellow 09-6102</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Yellow 09-6104</td>
<td></td>
</tr>
<tr>
<td>Palio®® PP Yellow 09-6105</td>
<td></td>
</tr>
<tr>
<td>Luconyl® Yellow K 0961 HD</td>
<td></td>
</tr>
<tr>
<td>Luconyl® NG Yellow 0962</td>
<td></td>
</tr>
<tr>
<td>Xfast® Yellow 0962</td>
<td></td>
</tr>
<tr>
<td>Palio®® Yellow L 0962 HD</td>
<td></td>
</tr>
<tr>
<td>Palio®® Yellow K 1090</td>
<td></td>
</tr>
</tbody>
</table>

**Pigment Yellow 139** 56298

| Palio®® Yellow D 1819 |
| Palio®® Yellow L 1820 |
| Eupolen® PE Yellow 18-4101 |
| Euviny® C Yellow 18-4102 |
| Eupolen® PE Yellow 18-4105 |
| Eupolen® PP Yellow 18-4105 |
| Palio®® Yellow K 1841 |

**Pigment Yellow 139 (similar)** 18792

| Eupolen® PE Yellow 18-0001 |

**Pigment Yellow 150** 12764

| Eupolen® PA Yellow 12-7005 |

<table>
<thead>
<tr>
<th>Pigment Yellow 151</th>
<th>13980</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palio®® Yellow L 1060</td>
<td></td>
</tr>
</tbody>
</table>

**Pigment Yellow 153** 48545

| Luconyl® Yellow 1770 |
| Palio®® Yellow L 1772 |

**Pigment Yellow 159** 77997

| Sicocer® F Yellow 2214 |

**Pigment Yellow 163** 77897

| Sicotan® Orange K 2383 |

**Pigment Yellow 164** 77899

| Sicotan® Brown K 2611 |
| Sicotan® Brown K 2711 |
| Sicotan® Brown K 2750 FG |

**Pigment Yellow 183** 18792

| Eupolen® PE Yellow 22-7001 |
| Eupolen® PE Yellow 22-7004 |
| Palio®® Yellow K 2270 |

**Pigment Yellow 183 (similar)** 18792

| Eupolen® PE Yellow 17-0001 |
| Palio®® Yellow K 1700 |

**Pigment Yellow 184** 771740

| Luconyl® NG Yellow 1100 |
| Luconyl® Yellow 1100 |
### Pigments, pigment preparations, dyes and light stabilizers
for coatings, plastics, printing inks and specialty industries

#### EVP 1007 e, September 2007

**Section 5 – Colorants by Colour Index**

<table>
<thead>
<tr>
<th>Pigment Yellow 184</th>
<th>771740</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sicopal® Yellow L 1100</td>
<td></td>
</tr>
<tr>
<td>Xfast® Yellow EH 0292 (1102)</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Yellow L 1110</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Yellow K 1120 FG</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Yellow L 1120</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Yellow K 1160 FG</td>
<td></td>
</tr>
<tr>
<td>Sicopal® Yellow L 1600</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pigment Yellow 185</th>
<th>56290</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupolen® PE Yellow 11-5501</td>
<td></td>
</tr>
<tr>
<td>Eupolen® PE Yellow 11-5504</td>
<td></td>
</tr>
<tr>
<td>Paliotol® Yellow D 1155</td>
<td></td>
</tr>
<tr>
<td>Paliotol® Yellow L 1155</td>
<td></td>
</tr>
</tbody>
</table>

**Reactive Red 24:1** 18208:1
- Basacid® Red 495 liquid

<table>
<thead>
<tr>
<th>Solvent Black 3</th>
<th>26150</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neptun® Black X60</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Black 27</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Black X51</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Black 29</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Black X55</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Black 46</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neptun® Black X17 liquid</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Blue 35</th>
<th>61554</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplast® Blue 670</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Blue 64</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neptun® Blue 698</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Blue 70</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Blue 807</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Brown 42</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Brown 322</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Green 5</th>
<th>59075</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplast® F Yellow 084</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Orange 54</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Orange 251</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Orange 56</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Orange 245</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Orange 99</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Orange 272</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Red 49</th>
<th>45170:1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neptun® Red Base 543</td>
<td></td>
</tr>
<tr>
<td>Neptun® Red Base 546</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Red 118</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Red 471</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Red 119</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Red 355</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Red 122</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Red 335</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Red 122</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Red 395</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Red 127</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Pink 478</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Red 160</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Red 365</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Red 195</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplast® Red 454</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Violet 13</th>
<th>60725</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplast® Blue 684</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Yellow 79</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Yellow 081</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvent Yellow 81</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neozapon® Yellow 141</td>
<td></td>
</tr>
</tbody>
</table>