1. Substance/preparation and company identification

Company
BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

2. Composition/information on ingredients

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Content (W/W)</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>30965-26-5</td>
<td>&gt; 90.0 %</td>
<td>polybutylene terephthalate (PBT)</td>
</tr>
</tbody>
</table>

3. Hazard identification

Emergency overview
CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE GASTRIC DISTURBANCES.
Use with local exhaust ventilation.
Wear a NIOSH-certified (or equivalent) particulate respirator.
Wear protective clothing.
Eye wash fountains and safety showers must be easily accessible.

Potential health effects

Primary routes of exposure
Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute toxicity:
Contact with molten product may cause thermal burns. The resin in pelleted form poses a low hazard.

Repeated dose toxicity:
No known chronic effects.

4. First-aid measures

General advice:
Remove contaminated clothing.
If inhaled: 
Assist in breathing if necessary. Keep patient calm, remove to fresh air. Consult a physician.

If on skin: 
Burns caused by molten material require hospital treatment.

If in eyes: 
If irritation develops, seek medical attention. In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

If swallowed: 
Ingestion is not likely in the available physical form. If ingested, seek medical attention.

5. Fire-fighting measures

Autoignition: 350 °C (ASTM D1929)

Suitable extinguishing media: 
water, foam, dry extinguishing media

Hazards during fire-fighting: 
carbon monoxide, tetrahydrofuran, can be emitted at > 290 °C
Under special fire conditions traces of other toxic substances are possible. Formation of further decomposition and oxidation products depends upon the fire conditions.

Further information: 
Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Cleanup:
For small amounts: Pick up with suitable appliance and dispose of.
For large amounts: Pick up with suitable appliance and dispose of.

Further information: 
High risk of slipping due to leakage/spillage of product.

7. Handling and storage

Handling
Protection against fire and explosion: 
Take precautionary measures against static discharges.

Storage
General advice: 
Keep container tightly closed. Avoid deposition of dust.

Storage stability: 
Protect against moisture.
8. Exposure controls and personal protection

Advice on system design:
Ensure adequate ventilation.

**Personal protective equipment**

Respiratory protection:
Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) particulate respirator.

Hand protection:
Wear gloves to prevent contact during mechanical processing and/or hot melt conditions.

Eye protection:
Tightly fitting safety goggles (chemical goggles).

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>granules</td>
</tr>
<tr>
<td>Odour</td>
<td>odourless</td>
</tr>
<tr>
<td>Colour</td>
<td>various, depending on the colourant</td>
</tr>
<tr>
<td>Melting range</td>
<td>220 - 230 °C (DIN 53736)</td>
</tr>
<tr>
<td>Density</td>
<td>1.3 - 1.8 g/cm3 (EN/ISO 1183-1)</td>
</tr>
<tr>
<td>Bulk density</td>
<td>600 - 800 kg/m3</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>insoluble</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Conditions to avoid:
> 290 degrees Celsius

Decomposition products:
Hazardous decomposition products: carbon monoxide, tetrahydrofuran

11. Toxicological information

Chronic toxicity

Other information:
Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

12. Ecological information

Environmental fate and transport
Biodegradation:
Evaluation: Experience shows this product to be inert and non-degradable.

Bioaccumulation:
The product will not be readily bioavailable due to its consistency and insolubility in water.

13. Disposal considerations

Waste disposal of substance:
Check for possible recycling.
May be disposed of or combusted with domestic refuse according to local regulations.

Container disposal:
Packs must be completely emptied. Completely emptied packagings can be given for recycling.

14. Transport information

Land transport
*USDOT*
Not classified as a dangerous good under transport regulations

Sea transport
*IMDG*
Not classified as a dangerous good under transport regulations

Air transport
*IATA/ICAO*
Not classified as a dangerous good under transport regulations

15. Regulatory information

Federal Regulations

Registration status:
*TSCA, US* released / listed

SARA hazard categories (EPCRA 311/312): Not hazardous

16. Other information

HMIS III rating
Health: 1 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.
Local contact information
Tech Desk
1-800-527-8324

ULTRADUR® B 4560 UNCOLORED POLYBUTYLENE TEREPTHALATE is a registered trademark of BASF Corporation or BASF AG.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

END OF DATA SHEET