1. Identification

Product identifier used on the label

PETRA®330FR

Recommended use of the chemical and restriction on use
Recommended use*: Polymer; for industrial use only

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification
Chemical family: polyester resin
Synonyms: POLYESTER RESIN

2. Hazards Identification


Classification of the product

No need for classification according to GHS criteria for this product.

Label elements

The product does not require a hazard warning label in accordance with GHS criteria. The dangerous ingredients are fixed in a polymer matrix.
Hazards not otherwise classified

No data available.

3. Composition / Information on Ingredients


antimony compound
  CAS Number: 15432-85-6
  Content (W/W): >= 1.0 - < 5.0%
  Synonym: No data available.

bisphenol A-epichlorohydrin resin
  CAS Number: 25068-38-6
  Content (W/W): >= 0.3 - < 1.0%
  Synonym: 4,4’-(1-Methylethyldene)bisphenol polymer with (chloromethyl)oxirane

Polyethyleneterephthalate (PET)
  CAS Number: 25038-59-9
  Content (W/W): >= 0.0 - < 3.0%
  Synonym: Poly(oxy-1,2-ethanedioloxycarbonyl-1,4-phenylenecarbonyl)-

4. First-Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing.

If inhaled:
Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

If on skin:
Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

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

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

Most important symptoms and effects, both acute and delayed

Symptoms: No data available.
Hazards: No hazard is expected under intended use and appropriate handling.

Indication of any immediate medical attention and special treatment needed

Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no
5. Fire-Fighting Measures

**Extinguishing media**

Suitable extinguishing media:
- water spray, dry powder, carbon dioxide, foam

**Special hazards arising from the substance or mixture**

Hazards during fire-fighting:
- No particular hazards known.

**Advice for fire-fighters**

Protective equipment for fire-fighting:
- Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing.

**Environmental precautions**

This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

**Methods and material for containment and cleaning up**

Reclaim for processing if possible. Sweep/shovel up. Place into suitable containers for reuse or disposal in a licensed facility.

7. Handling and Storage

**Precautions for safe handling**

Protection against fire and explosion:
- No explosion proofing necessary.

**Conditions for safe storage, including any incompatibilities**

Suitable materials for containers: Low density polyethylene (LDPE)

Further information on storage conditions: Keep container tightly closed. Avoid deposition of dust.

Storage stability:
- Protect against moisture.

8. Exposure Controls/Personal Protection

**Components with occupational exposure limits**
antimony compound OSHA PEL PEL 0.5 mg/m³ (antimony (Sb)); TWA value 0.5 mg/m³ (antimony (Sb));
ACGIH TLV TWA value 0.5 mg/m³ (antimony (Sb));
Glass, oxide, chemicals ACGIH TLV TWA value 5 mg/m³ Inhalable fraction; TWA value 0.2 fibers/cm³ Fiber; TWA value 1 fibers/cm³ Fiber;

Advice on system design:
Provide local exhaust ventilation to control dusts/vapours.

Personal protective equipment

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

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

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

General safety and hygiene measures:
Wear protective clothing to prevent contact during mechanical processing and/or hot melt conditions. Avoid inhalation of dust. Wash soiled clothing immediately.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>pellets</td>
</tr>
<tr>
<td>Odour</td>
<td>odourless</td>
</tr>
<tr>
<td>Colour</td>
<td>various, depending on the colourant</td>
</tr>
<tr>
<td>pH value</td>
<td>not applicable</td>
</tr>
<tr>
<td>Softening point</td>
<td>215 - 225 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Boiling range</td>
<td>The substance / product</td>
</tr>
<tr>
<td></td>
<td>decomposes therefore not</td>
</tr>
<tr>
<td></td>
<td>determined.</td>
</tr>
<tr>
<td>Sublimation point</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 400 °C (closed cup)</td>
</tr>
<tr>
<td>Flammability</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Flammability of Aerosol Products</td>
<td>not applicable, the product does not</td>
</tr>
<tr>
<td>Autoignition</td>
<td>No data available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.05 - 1.25</td>
</tr>
<tr>
<td>Bulk density</td>
<td>500 - 800 kg/m³</td>
</tr>
<tr>
<td>Self-ignition</td>
<td>not self-igniting</td>
</tr>
<tr>
<td>Temperature</td>
<td>&gt; 300 °C</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>May decompose if overheated and/or subjected to prolonged heating.</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>insoluble</td>
</tr>
</tbody>
</table>
10. Stability and Reactivity

**Reactivity**

Corrosion to metals:
No corrosive effect on metal.

**Chemical stability**
The product is chemically stable.

**Possibility of hazardous reactions**
The product is chemically stable.

**Conditions to avoid**
Avoid prolonged exposure to extreme heat.

**Incompatible materials**
strong oxidizing agents, acids, bases

**Hazardous decomposition products**

Decomposition products:
Possible thermal decomposition products:
hydrogen cyanide, carbon monoxide, ammonia

Thermal decomposition:
> 300 °C
May decompose if overheated and/or subjected to prolonged heating.

11. Toxicological information

**Primary routes of exposure**

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Toxicity/Effects**

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

**Oral**
Type of value: ATE
Value: > 5,000 mg/kg

**Inhalation**
Type of value: ATE
Value: > 5.0000 mg/l
Determined for dust

**Dermal**
Type of value: ATE
Value: > 5,000 mg/kg
Irritation / corrosion
Assessment of irritating effects: Irritation is possible when the product comes in contact with the skin, respiratory tract or the eyes.

Sensitization
Assessment of sensitization: No data available. provisional classification.

Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: No adverse effects have been reported in the processing and use of the product. No known chronic effects.

Genetic toxicity
Assessment of mutagenicity: No data available concerning mutagenic effects. provisional classification.

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.

Medical conditions aggravated by overexposure
Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product. See SDS section 11 - Toxicological information.

12. Ecological Information

Toxicity

Aquatic toxicity
Assessment of aquatic toxicity:
The product has not been tested. The statement has been derived from the structure of the product. There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H2O)
Experience shows this product to be inert and non-degradable.

Bioaccumulative potential

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

13. Disposal considerations

Waste disposal of substance:
Incinerate in a licensed facility. Do not discharge substance/product into sewer system.

Container disposal:
Dispose of in accordance with national, state and local regulations.
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:
Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

EPCRA 313:

CAS Number Chemical name
ANTIMONY COMPOUNDS

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including ARSENIC (INORGANIC ARSENIC COMPOUNDS), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

NFPA Hazard codes:
Health: 1 Fire: 1 Reactivity: 0 Special:

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

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2020/01/21

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