1. Substance/preparation and company identification

Company
BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932

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

Chemical family: polyester resin

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>65997-17-3</td>
<td>20.0 - 40.0%</td>
<td>Glass, oxide, chemicals</td>
</tr>
<tr>
<td>25038-59-9</td>
<td>10.0 - 30.0%</td>
<td>Polyethyleneterephthalate (PET)</td>
</tr>
<tr>
<td>26062-94-2</td>
<td>10.0 - 30.0%</td>
<td>Polybutylene terephthalate (PBT)</td>
</tr>
<tr>
<td>30965-26-5</td>
<td>10.0 - 30.0%</td>
<td>Polybutylene terephthalate (PBT)</td>
</tr>
<tr>
<td>1333-86-4</td>
<td>0.1 - 1.0%</td>
<td>Carbon black</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.

Irritation:
Irritation is possible when the product comes in contact with the skin, respiratory tract or the eyes.

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

Information on: Fiberglass
This product contains glass fibers which are compounded into the polymer matrix and thus are not expected to present the same hazards as fiberglass wool.
Information on: Fiberglass
Animal implantation studies have indicated that fiberglass wool is an animal carcinogen. A small study of Canadian glass wool workers reported a statistically significant increase in deaths due to lung cancer; however, animal inhalation studies and several large-scale studies of U.S. and European fiberglass wool workers have shown no statistically significant increases in lung cancer. The International Agency for Research on Cancer (IARC) has classified this material in Category 2B.

Information on: Fiberglass
These findings are based on glass wool, which has a smaller diameter than continuous glass filament or glass fiber chopped strands or rovings. Fiberglass wool is not used in this product.

Information on: Carbon black
Prolonged inhalation exposures may produce cough, phlegm, tiredness, chest pain and headache. Chronic exposures have been known to produce pneumoconiosis (chronic inflammatory and fibrotic lung disease).

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 MSDS section 11 - Toxicological information.

4. 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.

5. Fire-fighting measures

Flash point: > 400 °C (closed cup)
Autoignition: No data available.

Suitable extinguishing media:
water, dry extinguishing media, carbon dioxide, foam

Hazards during fire-fighting:
No particular hazards known.

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

Environmental precautions:
This product is not regulated by RCRA. This product is not regulated by CERCLA (‘Superfund’).

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

7. Handling and storage

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

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

Storage stability:
Protect against moisture.

8. Exposure controls and personal protection

Components with workplace control parameters
Glass, oxide, chemicals

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH</th>
<th>TWA value 5 mg/m³ Inhalable fraction</th>
<th>TWA value 1 fibers/cm³ Fiber</th>
<th>TWA value 1 fibers/cm³ Fiber</th>
<th>TWA value 0.2 fibers/cm³ Fiber</th>
</tr>
</thead>
<tbody>
<tr>
<td>carbon black</td>
<td>OSHA</td>
<td>PEL 3.5 mg/m³</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>ACGIH</td>
<td>TWA value 3.5 mg/m³</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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

Form: pellets
10. Stability and reactivity

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

**Substances to avoid:**
strong oxidizing agents, acids, bases

**Hazardous reactions:**
The product is chemically stable.

**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.

**Corrosion to metals:**
No corrosive effect on metal.

11. Toxicological information

12. Ecological information

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:
TSCA, US released / listed

State regulations

State RTK

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CA Prop. 65:
THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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

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