

# Safety data sheet

## ULTRADUR®B4300G6LS HSP BLACK15045

Revision date : 2006/05/16

Version: 1.1

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(30266259/MDS\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company

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

24 Hour Emergency Response Information

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

Synonyms: Polybutylene terephthalate

### 2. Composition/information on ingredients

CAS Number

26062-94-2  
30965-26-5  
65997-17-3

Content (W/W)

> 0.0 - < 70.0 %  
> 0.0 - < 70.0 %  
< 40.0 %

Chemical name

polybutylene terephthalate (PBT)  
polybutylene terephthalate (PBT)  
Glass, oxide, chemicals

### 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 effectsPrimary 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.

### 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.



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### **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

### **Components with workplace control parameters**

Glass, oxide, chemicals



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ACGIH TWA value 5 mg/m<sup>3</sup> Inhalable fraction ; TWA value 1 fibers/cm<sup>3</sup> Fiber ; TWA value 1 fibers/cm<sup>3</sup> Fiber ; TWA value 0.2 fibers/cm<sup>3</sup> Fiber ;

### Advice on system design:

Ensure adequate ventilation.

### Personal protective equipment

#### Hand protection:

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

#### Eye protection:

Tightly fitting safety goggles (chemical goggles).

#### Body protection:

Body protection must be chosen based on level of activity and exposure.

## 9. Physical and chemical properties

|                      |                                             |
|----------------------|---------------------------------------------|
| Form:                | granules                                    |
| Odour:               | odourless                                   |
| Colour:              | various, depending on the colourant         |
| melting range:       | 220 - 230 °C (DIN 53736)                    |
| Density:             | 1.3 - 1.8 g/cm <sup>3</sup> (EN/ISO 1183-1) |
| Bulk density:        | 600 - 800 kg/m <sup>3</sup>                 |
| Solubility in water: | insoluble                                   |

## 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.



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### 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; restriction on quantity / not listed

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

### State regulations

#### State RTK

#### CAS Number

65997-17-3

#### Chemical name

Glass, oxide, chemicals

#### State RTK

MA, NJ, PA

## 16. Other information

### HMIS III rating

Health: 1

Flammability: 1

Physical hazard: 0



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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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