

## Safety Data Sheet

### ULTRAMID® T KR 4357 G6 UNCOLORED POLYAMIDE

Revision date : 2009/10/12

Version: 1.0

Page: 1/6

(30045692/SDS\_GEN\_US/EN)

## 1. Product 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. Hazards 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 NIOSH-certified chemical goggles.  
Wear protective clothing.  
Eye wash fountains and safety showers must be easily accessible.

State of matter: solid  
Colour: various, depending on the colourant  
Odour: odourless

### 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 / corrosion:**

Thermal decomposition products of the substance can irritate the eyes, skin, and respiratory tract.

#### **Sensitization:**

The substance is inert.

#### **Chronic toxicity:**

**Genotoxicity:** The substance is inert.

### Potential environmental effects



# Safety Data Sheet

## ULTRAMID® T KR 4357 G6 UNCOLORED POLYAMIDE

Revision date : 2009/10/12

Version: 1.0

Page: 2/6

(30045692/SDS\_GEN\_US/EN)

### 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.

### Degradation / environmental fate:

The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.

## 3. Composition / Information on Ingredients

| <u>CAS Number</u> | <u>Content (W/W)</u> | <u>Chemical name</u>    |
|-------------------|----------------------|-------------------------|
| 65997-17-3        | > 50.0 - < 70.0 %    | polyamide (PA 6T/6)     |
|                   | > 20.0 - < 40.0 %    | Glass, oxide, chemicals |

## 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. 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. Consult a physician.

## 5. Fire-Fighting Measures

|                            |          |                   |
|----------------------------|----------|-------------------|
| Flash point:               | > 400 °C |                   |
| Autoignition:              | > 470 °C | (ASTM D1929)      |
| Self-ignition temperature: |          | not self-igniting |

### Suitable extinguishing media:

water, foam, dry extinguishing media

### Hazards during fire-fighting:

carbon monoxide, hydrogen cyanide, can be emitted at > 350 °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

### Environmental precautions:

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



# Safety Data Sheet

## ULTRAMID® T KR 4357 G6 UNCOLORED POLYAMIDE

Revision date : 2009/10/12

Version: 1.0

Page: 3/6

(30045692/SDS\_GEN\_US/EN)

### 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.

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## 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. Protect against moisture.

#### **Storage stability:**

Protect against moisture.

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## 8. Exposure Controls and Personal Protection

### Personal protective equipment

#### **Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. Wear a NIOSH-certified (or equivalent) particulate respirator. Wear respiratory protection if ventilation is inadequate. Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination.

#### **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.

#### **General safety and hygiene measures:**

Avoid inhalation of dusts/mists/vapours.

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## 9. Physical and Chemical Properties

|                      |   |
|----------------------|---|
| Form:                | pellets   |
| Odour:               | odourless   |
| Colour:              | various, depending on the colourant   |
| pH value:            | not applicable  |
| Melting temperature: | approx. 295 °C<br>(DIN 53765)   |
| Boiling range:       | The substance / product decomposes<br>therefore not determined.<br>not applicable |
| Vapour pressure:     | not applicable  |
| Density:             | 1.20 - 1.50 g/cm <sup>3</sup>   |
| Bulk density:        | 500 - 800 kg/m <sup>3</sup>   |
| Solubility in water: | insoluble   |



# Safety Data Sheet

## ULTRAMID® T KR 4357 G6 UNCOLORED POLYAMIDE

Revision date : 2009/10/12

Page: 4/6

Version: 1.0

(30045692/SDS\_GEN\_US/EN)

### 10. Stability and Reactivity

#### Decomposition products:

Hazardous decomposition products: carbon monoxide, hydrogen cyanide

#### Thermal decomposition:

> 350 °C

### 11. Toxicological information

#### 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

#### Degradability / Persistence

#### Biological / Abiological Degradation

Evaluation:

Experience shows this product to be inert and non-degradable.

### 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



# Safety Data Sheet

## ULTRAMID® T KR 4357 G6 UNCOLORED POLYAMIDE

---

Revision date : 2009/10/12

---

Page: 5/6

Version: 1.0

(30045692/SDS GEN US/EN)

## 15. Regulatory Information

## Federal Regulations

**Registration status:**

Registration status: Chemical TSCA, US released / listed

### EPCRA 311/312 (Hazard categories):

Not hazardous:

## State regulations

**State RTK** MA, NJ, PA      **CAS Number** 65997-17-3      **Chemical name** Glass oxide chemicals

CA Prop. 65:

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

NFPA and HMIS use 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 extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

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### Local Contact Information

## Local Gov Tech Desk

+1 800 5278324

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# Safety Data Sheet

## ULTRAMID® T KR 4357 G6 UNCOLORED POLYAMIDE

Revision date : 2009/10/12

Version: 1.0

Page: 6/6

(30045692/SDS\_GEN\_US/EN)

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