

Safety data sheet

ULTRAMID® A3EG7 BLACK 00564 POLYAMIDE

Revision date : 2009/04/01

Version: 1.0

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(30043100/SDS_GEN_US/EN)

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

Chemical family: polyamide

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
32131-17-2	$\geq 50.0 - \leq 70.0$ %	polyamide (PA 66)
65997-17-3	$\geq 30.0 - \leq 50.0$ %	Glass, oxide, chemicals
1333-86-4	$\geq 0.1 - \leq 1.0$ %	carbon black

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.

Irritation:

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

Sensitization:

No data available concerning sensitizing effects.

Potential environmental effects**Aquatic toxicity:**

The product has not been tested. The statement has been derived from the structure of the product.



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There is a high probability that the product is not acutely harmful to aquatic organisms.

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

Flash point:	> 400 °C	(Unspecified)
Autoignition:	> 400 °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 > 310 °C

Formation of further decomposition and oxidation products depends upon the fire conditions. Under special fire conditions traces of other toxic substances are possible.

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').

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

General advice:

Provide suction extractors if dust is formed. Any unavoidable deposit of dust must be regularly removed.

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

ACGIH

TWA value 5 mg/m³ Inhalable fraction ; TWA value 1 fibers/cm³ Fiber ; TWA value 1 fibers/cm³ Fiber ; TWA value 0.2 fibers/cm³ Fiber ;

carbon black

OSHA

PEL 3.5 mg/m³ ;

ACGIH

TWA value 3.5 mg/m³ ;

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).

9. Physical and chemical properties

Form:	pellets	
Odour:	odourless	
pH value:		not applicable
Melting temperature:	approx. 260 °C	(DIN 53765)
Boiling range:		The substance / product decomposes therefore not determined.
Vapour pressure:		not applicable
Density:	1.15 - 1.60 g/cm ³	(20 °C) (EN ISO 1183-1)
Bulk density:	500 - 800 kg/m ³	
Solubility in water:		insoluble



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10. Stability and reactivity

Decomposition products:

Hazardous decomposition products: carbon monoxide, hydrogen cyanide

Thermal decomposition:

> 310 °C

11. Toxicological information

Chronic toxicity

Genetic toxicity:

No data available concerning mutagenic effects.

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:

Because of the product's consistency and low water solubility, bioavailability is improbable.

13. Disposal considerations

Waste disposal of substance:

Check for possible recycling.

Dispose of in accordance with national, state and 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



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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

State regulations

State RTK

CAS Number

65997-17-3

1333-86-4

Chemical name

Glass, oxide, chemicals

carbon black

State RTK

MA, NJ, PA

MA, NJ, PA

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: 0

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

800 5278324

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