

Safety data sheet

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BASF Safety data sheet according to 91/155/EEC

Date / Revised: 04.06.2003

Version: 1.1

Product: **ULTRAMID* B3S UNCOLORED NYLON 6 RESIN**

(30045499/SDS_GEN_EU/EN)

Date of print 18.06.2005

1. Substance/preparation and company identification

ULTRAMID* B3S UNCOLORED NYLON 6 RESIN

Use: Polymer

Company:

BASF Aktiengesellschaft
67056 Ludwigshafen, Deutschland
Telephone: +49-621-60-45879

Emergency information:

Fire brigade BASF Ludwigshafen
Telephone: +49-621-60-43333
Telefax number: +49-621-60-92664

2. Composition/information on ingredients

Chemical nature

Preparation based on: polyamide (PA 6)

additives

3. Hazard identification

none

4. First-aid measures

On skin contact:

Burns caused by molten material require hospital treatment.

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5. Fire-fighting measures

Suitable extinguishing media:
water, foam, dry extinguishing media

Specific hazards:

At temperatures of > 300 °C can be emitted: carbon monoxide, hydrogen cyanide

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

Methods for cleaning up or taking up:

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Pick up with suitable appliance and dispose of.

Additional 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.

8. Exposure controls and personal protection

Personal protective equipment

General safety and hygiene measures:

none

9. Physical and chemical properties

Form:	granules	
Colour:	various, depending on the colourant	
Odour:	odourless	
Melting temperature:	approx. 220 °C	(DIN 53736)
Ignition temperature:	> 400 °C	(ASTM D1929)

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Density: 1,00 - 1,20 g/cm³ (EN/ISO 1183-1)
(20 °C)
Bulk density: 500 - 800 kg/m³
Solubility in water: insoluble

10. Stability and reactivity

Conditions to avoid:
> 300 °C

Hazardous decomposition products:
carbon monoxide, hydrogen cyanide

11. Toxicological information

Additional 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

Persistence and degradability

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

Bioaccumulation potential

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

Additional information

Add. remarks environm. fate & pathway:

Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

13. Disposal considerations

Check for possible recycling.

May be disposed of or combusted with domestic refuse according to local regulations.

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Contaminated packaging:
Packs must be completely emptied.

14. Transport information

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

15. Regulatory information

Regulations of the European union (Labelling) / National legislation/Regulations

The product does not require a hazard warning label in accordance with EC Directives.

Other regulations

16. Other information

Vertical lines in the left hand margin indicate an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.