

Safety data sheet

ELASTOPOR[®]P 17226R RESIN

Revision date : 2008/02/22
Version: 1.1

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(30277819/MDS_GEN_US/EN)

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: resin
Synonyms: Urethane System Resin Component

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
	< 70.0 %	Polyol
	< 12.0 %	Flame Retardant
	< 3.0 %	Surfactant
	< 2.0 %	Catalyst
108-32-7	< 5.0 %	Propylene carbonate
460-73-1	< 15.0 %	1,1,1,3,3-pentafluoropropane

3. Hazard identification

Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
CAN CAUSE NERVOUS SYSTEM DAMAGE.
SENSITIZER.

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:

Ingestion may cause gastrointestinal disturbances.

Information on: Propylene carbonate

Propylene carbonate contains a small amount of propylene oxide.

Information on: Fluorocarbons

At levels above the recommended exposure limit, the fluorocarbon acts as a weak narcotic. Acute overexposure causes tremors, confusion, irritation, suffocation, and may result in cardiac sensitization.

Irritation:

Irritating to respiratory system. Irritating to eyes and skin.

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Repeated dose toxicity:
No known chronic effects.

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. Immediate medical attention required.

If in eyes:
In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

5. Fire-fighting measures

Flash point: > 94.00 °C (open 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

Cleanup:
Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and storage

Handling

General advice:
Product should not be mixed with air above atmospheric pressure for leak testing or any other purpose. Use dry nitrogen to transfer or leak test equipment pressurized with product.

Protection against fire and explosion:
No explosion proofing necessary.

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Storage

General advice:

Protect from direct sunlight. Protect against heat. Keep away from heat. Avoid extreme heat. Store protected against freezing.

Storage stability:

Protect against moisture.

8. Exposure controls and personal protection

Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

General safety and hygiene measures:

Avoid contact with skin. Avoid inhalation of vapours/mists. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact.

9. Physical and chemical properties

Form:	liquid	
Odour:	amine-like, faint odour	
Colour:	dark brown	
pH value:	> 7.0	
Boiling point:	16.00 °C	
Vapour pressure:	993.00 mmHg	(23.00 °C)
Bulk density:	10.5390 lb/USg	(25 °C)
Viscosity, dynamic:	532.000 mPa.s	(23.00 °C)
Miscibility with water:		slightly soluble

10. Stability and reactivity

Conditions to avoid:

Avoid moisture.

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide

Thermal decomposition:

No data available.

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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.

Dispose of in a licensed facility.

Container disposal:

Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Refer to 40 CFR § 261.7 (residues of hazardous waste in empty containers). Decontaminate containers prior to disposal. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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

OSHA hazard category:

No data available.

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

State regulations

CA Prop. 65:

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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: 1

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

William Robert
1-734-324-5244

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