



The Chemical Company

Safety data sheet Draft

ELASTOCAST 72040R RESIN

Revision date : 11/27/2006

Version: 0.0

Page: 1/5
(MDS_GEN_US/EN)

1. Substance/preparation and company identification

Company

BASF Polyurethane Foam Enterprises LLC
13630 Watertower Circle
Minneapolis, MN 55441

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
Hotline: 1-800-888-3342

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>
25265-71-8	< 100.0 %	Dipropylene Glycol
	< 1.0 %	Catalyst
	< 1.0 %	Surfactant

3. Hazard identification

Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
MAY CAUSE LIVER DAMAGE BASED ON ANIMAL DATA.
MAY CAUSE KIDNEY DAMAGE BASED ON ANIMAL DATA.

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: Dipropylene glycol

Acute intravenous overexposures of dipropylene glycol were shown to produce CNS effects in dogs; however, this is not considered a relevant route of exposure. Prolonged overexposure to the skin may produce slight softening of the tissue.

Irritation:

Irritating to respiratory system. Irritating to eyes and skin.

Repeated dose toxicity:

Safety data sheet Draft

ELASTOCAST 72040R RESIN

Revision date : 11/27/2006
Version: 0.0

Page: 2/5
(MDS_GEN_US/EN)

Information on: Dipropylene glycol

Rats administered 10% DPG in the drinking water for 77 days exhibited slight liver and kidney effects. Those given 5% in the water were not affected. Significant inhalation exposures to DPG are considered unlikely unless the product is heated or aerosols are generated.

Medical conditions aggravated by overexposure:

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

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: 121.00 °C (closed cup)
Autoignition: 305.00 °C

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

Protection against fire and explosion:

No explosion proofing necessary.

Safety data sheet Draft

ELASTOCAST 72040R RESIN

Revision date : 11/27/2006
Version: 0.0

Page: 3/5
(MDS_GEN_US/EN)

Storage

General advice:

No special precautions necessary. Avoid extreme heat. Store protected against freezing.

Storage stability:

Storage temperature: 70 - 80 °F
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. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately.

9. Physical and chemical properties

Odour:	odourless	
Colour:	colourless	
:	-40.00 °C	
Bulk density:	8.5100 lb/USg	(25 °C)
Viscosity, dynamic:	107.000 mPa.s	(22.00 °C)
Miscibility with water:		completely (e.g. >=90%)

10. Stability and reactivity

Conditions to avoid:

> 80 degrees Fahrenheit
Avoid moisture.

Hazardous reactions:

The product is chemically stable.

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide

Thermal decomposition:

No data available.

Safety data sheet Draft

ELASTOCAST 72040R RESIN

Revision date : 11/27/2006

Version: 0.0

Page: 5/5

(MDS_GEN_US/EN)

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END OF DATA SHEET