

MATERIAL SAFETY DATA SHEET

(This MSDS complies with 29 CFR 1910.1200)

Product Name: **DP 11-75 URETHANE HARDENER, Part B**
Product Class: Polyol Mixture
Issue Date: 07/10/04
Approved By: Kenneth E. Poucher

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24 HOUR EMERGENCY NO. 1-800-424-9300 CHEMTREC

SECTION 1 - HAZARDOUS INGREDIENTS

Chemical Name	Wt. % (optional)	OSHA (PEL)	ACGIH (TLV)	CAS NO.
Polyether Polyol		<i>N.E.</i>	<i>N.E.</i>	9051-49-4
Ethylenediamine		TWA 10 ppm	TWA 10 ppm	107153

SECTION 2 - PHYSICAL DATA

Boiling Point:	> 300 ° F	Specific Gravity (H ₂ O=1):	1.08
Vapor Pressure (mm Hg):	<i>N.E.</i>	Vapor Density (Air = 1):	<i>N.E.</i>
Solubility in Water:	Slight	Reactivity in Water:	None
Appearance and odor:	Red liquid, slight odor.		

SECTION 3 - FIRE AND EXPLOSION HAZARD

Flash Point:	>200 ° F	Flammable Limit:	LEL: <i>N.A.</i>
Method Used:	T.O.C.	(In Air % by volume)	UEL: <i>N.A.</i>
Auto Ignition Temperature:	<i>N.A.</i>		
Extinguishing Media:	Carbon Dioxide, dry chemical, chemical foam, water spray.		
Fire & Explosion Hazards:	None Known.		
Fire Fighting Procedures:	Fire fighters must wear self-contained breathing apparatus to protect against toxic and irritating vapors. Full protective clothing should also be worn.		

SECTION 4 - REACTIVITY DATA

Stability:	Stable.
Conditions to Avoid:	Temperatures above 120 ° F or below 32 ° F.
Incompatibility (Materials to avoid):	Moisture and isocyanates.
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur.

N.E. - Not Established *N.D.A.* - No Data Available *N.A.* - Not Applicable

SECTION 5 - ENVIRONMENTAL AND DISPOSAL INFORMATION

- Spill: Remove spillage by absorbing in sand, vermiculite, sawdust, or absorbent sweeping compound. For small spills, rubbing alcohol may be used. Dike to prevent entry into water system.
- Disposal: Use approved incineration in accordance with federal, state and local environmental regulations. Material must be disposed of in approved landfill.

SECTION 6 - HEALTH AND FIRST AID INFORMATION

- Routes of Entry FIRST AID
- Inhalation: Remove victim to uncontaminated area, administer oxygen if necessary. Seek medical attention.
- Eyes: Flush with water for 15 minutes. Seek medical attention.
- Skin: Remove contaminated clothes and wash affected areas with soap and water. Seek medical attention.
- Ingestion: Dilute with water. INDUCE vomiting. Never give fluids or induce vomiting if victim is unconscious or having convulsions. Seek medical attention.

EFFECTS OF OVER EXPOSURE

- Acute: Eye contact may result in irritation. Inhalation of vapors may result in respiratory irritation. Ingestion of the liquid may result in gastric disturbances.
- Chronic: There are no known chronic effects associated with this material.

Existing Health
Conditions: *N.D.A.*

Carcinogen: NTP (National Toxicology Program): No IARC (Monographs): No OSHA: No

SECTION 7 - SPECIAL HANDLING & STORAGE PRECAUTIONS

Should be stored in a ventilated storage area between 70-80 ° F. Avoid excessive temperatures. Storage must be in tightly sealed containers to protect from moisture.

SECTION 8 - SPECIAL PROTECTION INFORMATION

- Respiratory Protection: If the PEL is exceeded, wear a NIOSH approved organic mist respirator.
- Ventilation: Use local exhaust to maintain concentration below the PEL.
- Eye Protection: Fitted chemical goggles, face shield or safety glasses.
- Personal Protection: Rubber gloves, boots and rubber apron to avoid skin contact. Contaminated clothing or equipment should be cleaned or disposed of, after use.
- Hygienic Practices: Educate and train employees on safe use of product. Shower and eye wash station should be available.

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.