

Material Safety Data Sheet

Freeman 1075 Hardener

Date of Preparation: January 4, 2007

Revision:

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Freeman 1075 Hardener

Chemical Family: Polyol

CAS Number: N/A

Other Designations: N/A

Intended Use or Product Type: Rapid High Strength Elastomer System Hardener

Manufacturer: Freeman Manufacturing and Supply Company, 1101 Moore Road, Avon, OH 44011,

Phone (440)934-1902, FAX (440)934-7200, Hours of Operation 8-5, Emergency Phone Number 800-424-9300.

HMIS

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☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Causes eye, skin, and respiratory irritations.

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number
Polyether Triol	25791-96-2
Castor Oil	8001-79-4
Polyether Polyol	9051-49-4

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Polyether Triol	none estab.	none estab.	none estab.	none estab.
Castor Oil	none estab.	none estab.	none estab.	none estab.
Polyether Polyol	none estab.	none estab.	none estab.	none estab.

Section 3 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Cloudy, Off White, Typical odor

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Specific Gravity (H₂O=1, at 4 °C): 1.06

Water Solubility: Slight

Boiling Point: Not determined

% Volatile: Negligible

Evaporation Rate: Not determined

PH: Not determined

Section 4 - Fire-Fighting Measures

Flash Point: >200 °F (>93 °C)

Flash Point Method: Estimated

LEL: Not established

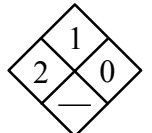
UEL: Not established

Extinguishing Media: Carbon dioxide, dry chemical, foam, water.

Unusual Fire or Explosion Hazards: Decomposition and combustion products may be toxic.

Fire-Fighting Equipment: Use self-contained breathing apparatus.

NFPA



Section 5 - Stability and Reactivity

Stability: Stable.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: Strong oxidizers, acids, and bases.

Conditions to Avoid: Excessive heat for prolonged periods of time.

Hazardous Decomposition Products: Combustion may form toxic materials, such as carbon dioxide, carbon monoxide.

Section 6 - Health Hazard Information

Potential Health Effects

Primary Entry Routes: Dermal: heated product may produce inhalable vapors.

Overexposure Effects: Causes eye, skin, and respiratory irritations.

Medical Conditions Aggravated by Exposure: Skin, eye and pulmonary conditions.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. Call a physician.

Eye Contact: Immediately flush with water for at least 15 minutes. Call a physician.

Skin Contact: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

Ingestion: If conscious, give 2-4 glasses of water to drink. Do not induce vomiting. Call a physician.

Additional Information: Referral to a physician is recommended if there is any question about the seriousness of any injury.

Section 7 - Spill, Leak, and Disposal Procedures

Accidental Release Measures: Remove spillage by absorbing in absorbent material.

Waste Disposal Method: Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

Additional Information: Disposal of Cured Product: This product when cured may contain very small quantities of organic mercury compounds. It is the responsibility of the user to determine if the selected disposal method complies with applicable regulations.

Ecological Information: N/A

Toxicological Information:

Acute Inhalation Exposure Effects: Respiratory irritant.

Skin Irritation: Irritant.

Eye Irritation: Irritant

Regulatory Information

US Federal Regulations:

Occupational Safety and Health Act (OSHA): This product is not considered to be a hazardous chemical under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372).

TSCA Section 8(b) - Inventory Status: Chemical components listed on TSCA Inventory.

TSCA Section 12(b) - Export Notification: This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

State Regulations:

California Proposition 65: This product does not contain any chemicals currently on the California list of Known Carcinogens Reproductive Toxins.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: General mechanical and local exhaust in accordance with ACGIH recommendations.
Respiratory Protection: Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely.
Eye Protection: Wear splash-proof chemical goggles.
Skin Protection: Wear impermeable gloves.
Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Special Precautions and Comments

Handling and Storage

Signal Word: Warning!

Precautions: Causes irritation if inhaled and can cause skin irritation and eye irritation. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Keep container closed when not in use. Wash thoroughly after handling.

Other Handling Information: Nuisance dust may be generated when sanding or sawing cured material.

DOT Transportation Data (49 CFR 172.101):

Shipping Name:

Liquid Plastic, N.O.I.

Shipping Symbols:

Hazard Class: Not Regulated

ID No.:

Packing Group:

Label:

Special Provisions (172.102):

Packaging Authorizations

a) Exceptions:

b) Non-bulk Packaging: X

c) Bulk Packaging:

Department of Transportation:

Not regulated

Quantity Limitations

a) Passenger, Aircraft, or Railcar:

b) Cargo Aircraft Only:

Vessel Stowage Requirements

a) Vessel Stowage:

b) Other:

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