

Material Safety Data Sheet

Freeman 1040 Hardener

Date of Preparation: January 15, 2007

Revision:

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Freeman 1040 Hardener

Chemical Family: Polyol

CAS Number: N/A

Other Designations: N/A

Intended Use or Product Type: Polyol Blend

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

H 1

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†Sec. 8

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Irritant

Section 2 - Composition / Information on Ingredients

Ingredient Name

CAS Number

**% wt or
% vol**

The components of this product are not considered to be hazardous as defined by the OSHA Hazard Communication Standard (CFR 1910.1200).

Section 3 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: White liquid; slight odor.

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Specific Gravity (H₂O=1, at 4 °C): 1.03

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

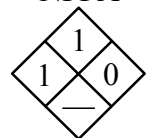
UEL: Not established

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.

Incompatibility: 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.

Medical Conditions Aggravated by Exposure: Skin and eye conditions.

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

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. Call a physician.

Eye Contact: Immediately flush eyes 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.

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures: Remove spillage by absorbing in absorbent material.

Disposal: 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: N/A

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 (29CFR 1910.1200).

Resource Conservation and Recovery Act (RCRA): D009 contains mercury.

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain any chemical for routine annual Toxic chemical release reporting under Section 313 (40CFR 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: The following is required composition information. This product contains the following chemical(s) which are currently listed on the California list of Known Carcinogens and Reproductive Toxins: Trace amounts of an organo-mercury compound (0.3% by wt.) and acrylonitrile may be present.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: General mechanical and local exhaust in accordance with ACGIH recommendations.

Skin Protection: Wear impermeable gloves.

Respiratory Protection: Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely.

Eye Protection: Wear splash-proof chemical goggles.

Section 9 - Special Precautions and Comments

Signal Word: Caution!

Precautions: Use normal industrial hygiene practices. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

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

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DOT Transportation Data (49 CFR 172.101):

Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49CFR 172.101 hazardous materials table.

Shipping Name: Liquid Plastic,
N.O.I.

Shipping Symbols:

Hazard Class: Non Hazardous

ID No.:

Packing Group:

Label:

Special Provisions (172.102):
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Packaging Authorizations

a) Exceptions:

b) Non-bulk Packaging: Non-Bulk

c) Bulk Packaging:

Quantity Limitations

a) Passenger, Aircraft, or Railcar:

b) Cargo Aircraft Only:

Vessel Stowage Requirements

a) Vessel Stowage:

b) Other:

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