

Material Safety Data Sheet

Freeman 917 Resin

Date of Preparation: January 3, 2007

Revision:

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Freeman 917 Resin

Chemical Family: Epoxy

CAS Number: N/A

Other Designations: N/A

Intended Use or Product Type: Epoxy Resin

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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PPE†

†Sec. 8

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Causes severe skin irritation. Causes eye irritation. May cause skin burns and allergic skin reaction.

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number
* Butanediol Diglycidyl Ether	2425-79-8
* Bisphenol A Diglycidyl Ether Polymer	25068-38-6
* Epoxy Phenol Novolac	28064-14-4
* P-Tert Butylphenyl Glycidyl Ether	3101-60-8

* = OSHA Hazardous Ingredient

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Butanediol Diglycidyl Ether	not estab.	not estab.	not estab.	not estab.
Bisphenol A Diglycidyl Ether Polymer	not estab.	not estab.	not estab.	not estab.
Epoxy Phenol Novolac	not estab.	not estab.	not estab.	not estab.
P-Tert Butylphenyl Glycidyl Ether	not estab.	not estab.	not estab.	not estab.

Section 3 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Gray liquid; epoxy odor.

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Specific Gravity (H₂O=1, at 4 °C): 1.15

Water Solubility: Not determined

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

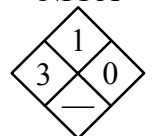
UEL: Not established

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.

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.

Hazardous Polymerization: Will not occur.

Section 6 - Health Hazard Information**Potential Health Effects**

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

Overexposure Effects: Causes severe skin irritation. Causes eye irritation. May cause skin burns and allergic skin reaction.

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. Contact 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

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.

Toxicological Information:

Sensitization: Possible in susceptible individuals.

Skin Irritation: Severe skin irritant.

Eye Irritation: Irritant.

Ecological Information: N/A

Regulatory Information:**US Federal Regulations:**

Occupational Safety and Health Act (OSHA): This product is 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: 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.

Quartz (CAS # 14808-60-7) (airborne particles of respirable size) is listed as a carcinogen on California’s Proposition 65. Contains trace amounts of Quartz (CAS # 14808-60-7) which is on the New Jersey and Pennsylvania Right to Know Lists.

Limestone (CAS #: 1317-65-3) is on the Pennsylvania Right to Know List.

Talc (CAS #: 14807-96-6) is found on the New Jersey and Pennsylvania Right to Know Lists

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.

Skin Protection: Wear impermeable gloves.

Eye Protection: Wear splash-proof goggles.

Section 9 - Special Precautions and Comments

Handling and Storage:

Signal Word: Danger!

Precautions: Causes severe skin irritation and may cause skin burns. Can cause eye irritation and allergic skin reaction. Do not get on skin or on clothing. Avoid contact with eyes. 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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