



1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Name: MS-908 Part B
High Performance Epoxy Adhesive

Product Use: One part of a two component toughened epoxy adhesive

MANUFACTURER/DISTRIBUTOR:

Miller-Stephenson Chemical
55 Backus Ave.
Danbury, Conn. 06810 USA
(203) 743-4447

Emergency Phone Number:
(800) 424-9300

Date Revised: October 2013

2. HAZARDS IDENTIFICATION

WARNING: HEALTH HAZARDS (Acute and Chronic): Liquid contact is corrosive to the eyes and may cause severe damage including blindness. Liquid contact is corrosive to the skin, may cause skin sensitization and may be toxic if absorbed through the skin. Vapors/mists may be irritating to the eyes and corrosive to the upper respiratory tract.

RELEVANT ROUTES OF EXPOSURE: Skin, Inhalation, Eyes

INHALATION: Corrosive to the upper respiratory tract. High vapors may cause headaches, dizziness, anesthesia, and may have other central nervous system effects.

SKIN: Liquid is corrosive to the skin. May cause skin sensitization and may be toxic if absorbed through the skin. Overexposure to liquid may cause sensitization, dermatitis and allergic skin reaction.

EYE: Liquid is corrosive to the eye and may cause severe damage including blindness. High concentration of vapors may be irritating.

EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. Preexisting skin or respiratory tract allergies may increase the chance of developing increased allergy symptoms from exposure to this product.

3. INGREDIENTS

<u>Material (s)</u>	<u>CAS No.</u>	<u>Approximate %</u>
Acrylic Polymer Mixture	Proprietary	15 – 50
Polyamidoamines	Mixture	15 – 50
Tris 2,4,6 (Dimethylaminoethyl) Phenol	90-72-2	1 – 5
Tetraethylenepentamine	112-57-2	1 – 5

SARA 313: No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Immediately flush skin with plenty of water (using soap, if available). Get medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

Flash Point: > 200°F (93°C)

Method: No Data

Autoignition Temperature: Not Determined

Flammable Limits in Air, % by Vol.: Not Determined

Fire and Explosion: Sealed container may rupture. Keep cool with water.

Extinguishing Media: Foam, Dry Chemical, or Carbon Dioxide.

Special Fire Fighting Instruction: Wear positive pressure self-contained NOISH approved breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent product from entering drains or open waters.

Clean-up methods: Evacuate and ventilate spill area. Spill area will be slippery. Contain spill. Recover as much as possible for reuse. Spread commercial absorbent over remainder and place into sealed containers for disposal.

7. HANDLING AND STORAGE

Handling and Storage: Store in tightly closed containers. Store in cool, dry place with adequate ventilation. Containers should be stored away from temperature extremes and direct sunlight. Store and handle away from heat, flames and oxidizing materials. Do not breathe vapors or mists. Do not get liquid in eyes, on skin or on clothing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.

Respiratory protection: Use organic vapor cartridge type respirator, if ventilation is inadequate. Avoid inhaling the vapors in the headspace of the container.

Skin protection: Chemical resistant, impervious gloves.

Eye/face protection: Splash goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range: >300°F/149°C

V.O.C: 0.027 lb/gal

Specific Gravity: 1.50

Vapor Pressure(mmHg): No Data

Vapor Density (Air=1): No Data

Evaporation Rate (Ether=1): Nil

Appearance: Black liquid

Odor: Amine

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous polymerization: Will not occur

Hazardous decomposition products: Oxides of carbon, aldehydes, aromatic hydrocarbons.

Incompatibility: Strong oxidizing agents, strong acids, strong bases CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations.

Conditions to avoid: Mixture with or exposure to incompatible materials (see above). Heat and direct sunlight, elevated temperatures.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Not established

Acute Inhalation Toxicity: Not established

Skin Irritation: Not established

Repeated Dose Toxicity: Not established

Mutagenicity: Not established

Carcinogenicity: No carcinogenic substances are defined by IARC, NTP, or OSHA.

Developmental Toxicity/Teratogenicity: Not established

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATIONS

Recommended method of disposal: Dispose according to local, state, federal and provincial regulations. Most states prohibit disposal of liquids in landfills.

14. TRANSPORT INFORMATION

U.S. DOT

Not Regulated

IATA

Not Regulated

IMDG

Not Regulated

15. REGULATORY INFORMATION

UNITED STATES REGULATORY INFORMATION

TSCA: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

California Proposition 65: No chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm are present in this product.

16. OTHER INFORMATION

NPCA-HMIS Ratings:

Health - 2

Flammability - 1

Reactivity - 1

Personal Protective rating to be supplied by user depending on the conditions.

FOR INDUSTRIAL USE ONLY