

LIQUID ROCK

Material Safety Data Sheet

Section 1 • IDENTIFIERS

Health Hazards: Health 1
Fire 1
Reactivity 0
Flash Point >200°F, Seta Flash

Effective Date: 12/10/01

Section 2 • COMPOSITION

Hazard Material: Plastic material, liquid, NOIBM
Not restricted.

Chemical Family: Epoxy Resin, Formulated.
Proprietary Formula

Section 3 • HAZARDOUS INGREDIENTS

Epoxy Resin, CAS# 25068-38-6

Section 4 • PHYSICAL & CHEMICAL CHARACTERISTICS

Vapor Pressure: <0.1 mm Hg @ 20°C

Vapor Density: >1

Solubility in Water: Negligible

Specific Gravity: 1.335

Percent Solid by Weight: 100%

Appearance and Odor: White liquid; slight epoxy odor.

Analytical: 11.12 lbs/gal

Section 5 • FIRE & EXPLOSION DATA

Extinguishing Media: Water, fog, foam, dry chemical, CO₂

Special Fire-Fighting Procedures: Do not enter confined fire space without full protective gear including a positive-pressure, self-contained, NIOSH-approved breathing apparatus. Cool fire exposed container with water.

Unusual Fire and Explosion Hazard: Contain areas exposed to intense heat or flame should be cooled with water to prevent pressure build-up and/or weakening of container structure.

Section 6 • REACTIVITY DATA

Stability: Stable.

Conditions To Avoid: Avoid high temperatures, open flames, and unscheduled contact with curing agents. Avoid mixing resin and hardener in uncontrollable quantities.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and bases, secondary aliphatic amines, and mercaptans.

Hazardous Decomposition Products: Carbon dioxide, CO₂, Carbon Monoxide, CO, aldehydes, acids, and other organic substances may be formed during high-temperature degradation.

Hazardous Polymerization: Will not occur.

Section 7 • HEALTH HAZARD DATA

Material is neither carcinogenic nor potentially carcinogenic.

Section 8 • EFFECTS OF OVEREXPOSURE

Skin Contact: Product could be moderately irritating to skin. May cause allergic skin reaction in susceptible individuals. Avoid direct skin contact when using this material.

Eye Contact: Product could be moderately irritating to the eyes. Avoid touching eyes when using this material.

Inhalation: Because of its low volatility, this product is not likely to be an inhalation hazard.

Ingestion: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

Section 9 • EMERGENCY & FIRST AID

Inhalation: Remove victim to fresh air.

Eyes: Flush eyes with generous amounts of water for at least 15 minutes. Get medical attention if it appears necessary.

Skin: Wash thoroughly with soap and water.

Ingestion: In general, no treatment is necessary unless large quantities of product are ingested.

Section 10 • OCCUPATIONAL EXPOSURE LIMITS

OSHA and ACGIH limits have not been established for this product.

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Section 11 • SPECIAL PROTECTION

Ventilation: Local exhaust is recommended. Mechanical exhaust can be used as a backup system.

Protective

Gloves: Chemical-resistant gloves such as PVA.

Eye

Protection: NIOSH-approved safety glasses or goggles with side shields.

Other

Protection: Chemical-resistant clothing as required to minimize skin contact.

Section 12 • SPILL OR LEAK PROCEDURES

Material Released

or Spilled: Use cautious judgement when cleaning spills. Small spills may be collected with absorbent material such as clay or sand. Large spills should be diked and contained with absorbent materials. Flush area with water spray to remove residue. Dispose or flush legally.

Waste

Disposal

Methods: Dispose in accordance with local, state, and federal regulations.

Section 13 • SPECIAL PRECAUTIONS

Handling and Storage

Precautions: Store at ambient temperatures in well-ventilated area. Avoid sparks, open flames, and extreme heat. Store separately from amine curing agents. Protect container from physical damage.

Other

Precautions: Container, even those that have been emptied, can contain product residues. Handle in accordance with good industrial practices. Avoid prolonged or repeated contact with skin. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Launder contaminated clothing before use.

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