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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: PERMA POXY PLASTIC & FIBERGLASS EPOXY STICK 56G
Item No: 84315
Product Type: Epoxy resin

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN 25068-38-6	5-20	Not Listed	Not Listed
MERCAPTAN AMINE BLEND MIXTURE	5-15	Not Listed	Not Listed
AMINOETHYLPIPERAZINE 140-31-8	1-10	Not Listed	Not Listed
SILICA, QUARTZ 14808-60-7	<1	0.05 mg/m ³ TWA respirable	0.1 mg/m ³ TWA respirable

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapors Oxygen or artificial respiration if needed Obtain medical attention

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes If skin irritation persists, call a physician

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation. May cause skin sensitization. May be harmful if swallowed.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Ingestion may cause nausea and vomiting. Overexposure may cause eye and skin redness. Repeated skin contact may cause allergic skin reactions.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
SILICA, QUARTZ 14808-60-7	<1		A2 - Suspected Human Carcinogen	Group 1; Monograph 68, 1997 (inhaled)

Medical Conditions Recognized as Being Aggravated by Exposure: Preexisting skin disorders.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): >500 F. Method: TOC

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact

Hazardous Products of Combustion: Aldehydes, Ketones, Oxides of nitrogen, Oxides of sulfur, Oxides of carbon

Unusual Fire/Explosion Hazards: None.

Lower Explosive Limit: Not determined.

Upper Explosive Limit: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Scrape up putty and place in an appropriate waste container for disposal.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry area.
Handling: Avoid contact with skin and eyes. Discard contaminated leather gloves and shoes. Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses.
Skin: Polyethylene or rubber gloves.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White putty
Odor: Slight
Boiling Point: Not determined
pH: 9.5
Solubility in Water: Negligible
Specific Gravity: 1.9
VOC Content(Wt.%): None
Vapor Pressure: Nil at 78F.
Vapor Density (Air=1): >1
Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Strong oxidizers. Acids. Strong mineral and organic bases.
Conditions to Avoid: Heat
Hazardous Products of Combustion: Aldehydes, Ketones, Oxides of nitrogen, Oxides of sulfur, Oxides of carbon

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: Unrestricted
Hazard Class: None
UN/ID Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Not regulated
Class or Division: None
UN/NA Number: None

IMDG

Proper Shipping: Unrestricted
Hazard Class: None
UN Number: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

Estimated HMIS Classification: HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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