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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: QUICK SOLDER RADIATOR REPAIR KIT
Item No: 12195
Product Type: Epoxy

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 25068-38-6	10-40		
POLYMERCAPTAN MIXTURE	5-20		
2,4,6- TRIS(DIMETHYLAMINOMETHYL)P HENOL 90-72-2	1-10		
BENZYL ALCOHOL 100-51-6	<5		

3. HAZARDS IDENTIFICATION

Toxicity: May cause skin irritation in sensitive individuals. May cause moderate eye irritation. May cause gastrointestinal irritation.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.
Signs and Symptoms of Exposure: Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea. Overexposure may cause eye and skin redness.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
BENZYL ALCOHOL 100-51-6	<5	male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence		

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

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): More than 300 degrees F. Method: Tag Closed Cup

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Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products Formed by Fire or Thermal Decomposition: Aldehydes, Acid vapors. Oxides of carbon. Oxides of sulfur, Nitrogen Ammonia
Unusual Fire/Explosion Hazards: None
Lower Explosive Limit: Not determined.
Upper Explosive Limit: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Avoid personal contact. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Prevent from entering waterways or sewers.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry area. Store below 100 degrees F.
Handling: Avoid contact with skin and eyes. Discard contaminated leather gloves and shoes. Do not inhale vapors. Use in a well ventilated area to prevent irritation by vapors. Wash hands before eating and smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Polyethylene or rubber gloves
Ventilation: General ventilation is usually adequate.
Respiratory Protection: Not normally necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Two-colored cylindrical ribbon: outside - brass, inside - white
Odor: MERCAPTAN ODOR
Boiling Point (°F): Not determined.
pH: Does not apply
Solubility in Water: Nil
Specific Gravity: 1.9
VOC Content(Wt.%): 1.25% by weight; 23.8 g/l
Vapor Pressure: Nil
Vapor Density (Air=1): More than 1 (air = 1)
Evaporation Rate: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Strong oxidizers.
Conditions to Avoid: Excessive heat.
Hazardous Products Formed by Fire or Thermal Decomposition: Aldehydes, Acid vapors. Oxides of carbon. Oxides of sulfur, Nitrogen Ammonia

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

Product Name: QUICK SOLDER RADIATOR REPAIR KIT
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DOT (49CFR 172)

Domestic Ground Transport

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

IATA

Proper Shipping Name: Unrestricted
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.

TSCA Inventory Status:

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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