

Material Safety Data Sheet**Product Name:** C6 Epoxy Adhesive**Description:** Part A: Epoxy Resin Part B: Amine/Mercaptan Polymer Mixture**Supplier:** ITW Ramset/Red Head · 1300 N Michael Dr · Wood Dale, IL 60191**Emergency Number:** 1-800-899-7890**Date Prepared:** January 27, 2004**Ingredients and Exposure Limits**

| Ingredients | CAS Number | TLV: | PEL: | STEL |
|--|------------|---------|---------|---------|
| Part A: Bisphenol A diglycidyl ether resin | 25068386 | NE | NE | NE |
| Part B: Isopropanol | 67630 | 400 ppm | 400 ppm | 400 ppm |
| 2,4,6 Tris(Dimethylamino-methyl)phenol | 90722 | NE | NE | NE |
| Mercaptan/Amine blend | * | NE | NE | NE |

* An asterisk indicates a substance whose identity is a trade secret of our supplier

Abbreviations:

TLV = ACGIH Threshold Limit Value

PEL = OSHA Permissible Exposure

STEL = Short Term Exposure Limit

NA = Not Applicable

NE = None Established

Physical Properties

| | Part A: Gray Paste | Part B: White Paste |
|------------------|-------------------------------------|-------------------------------------|
| Specific Gravity | = 1.30 g/cm ³ (at 20° C) | = 1.70 g/cm ³ (at 20° C) |
| Boiling Point | = > 500° F | NE |
| Water Solubility | None | None |

Safe Handling Procedures**Handling and Storing Precautions:** For professional use only. Keep away from children. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use only as directed; avoid uncontrolled mixing with other materials, esp. polymerizable or combustible materials.**Storage:** For maximum shelf life, store in a cool dry area between 40° F and 80° F. Do not store above 110° F.**Spill Procedures:** Collect with an absorbent material and place in a container for proper disposal. For large spills, transfer to salvage vessels, and dispose of according to state, local and Federal regulations. Flush area with water to remove residue.**Personal Protection****Ventilation:** Use in well ventilated areas.**Eye Protection:** Wear safety glasses with side shields.**Skin Protection:** Impermeable (neoprene or rubber) gloves are recommended.**Respiratory Protection:** None required with normal ventilation. Where ventilation is inadequate to control vapors, use a NIOSH/OSHA approved respirator with organic vapor cartridges. Do not enter confined spaces without an appropriate air supplied respirator.**Health Information****Part A:** Eye and skin irritant. Possible skin sensitizer. May be irritating to eyes, skin, nose and throat.**Part B:** Corrosive. May cause eye and skin burns. Vapors may be irritating. May cause burns if swallowed.**Routes of Exposure:** Contact. Inhalation.**Medical Conditions Aggravated by Exposure:** Eye, skin and respiratory conditions.**Carcinogenicity:** No ingredients are classified as carcinogens by IARC, NTP or OSHA**Hazard Categories:** Immediate health hazard; delayed health hazard.**First Aid Measures****Eyes:** Flush immediately with water for at least 15 minutes. Get immediate medical attention.**Skin:** Wash immediately with soap and water. Launder contaminated clothing before reuse.**Inhalation:** If symptoms occur, move to fresh air. Seek medical attention if symptoms persist.**Ingestion:** Rinse mouth and then drink large quantities of water. Don't give anything by mouth to an unconscious person. Seek medical attention. Do not induce vomiting unless directed by a physician.**Other:** Referral to a physician is recommended if there is any question about the seriousness of the exposure.

Material Safety Data Sheet

Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibility: Strong acids and oxidizing agents.

Decomposition Products: Thermal decomposition can yield CO_x, NO_x, water and carbon.

Conditions to Avoid: Avoid elevated temperatures which may shorten the shelf-life of this product. Avoid open flame.

Fire and Explosion Hazard Information

Flash point: > 200° F **Flammable Limits:** Not applicable

Extinguishing Media: CO₂, Dry Chemical, Foam, and Water Spray.

Special Fire Fighting Procedures: Use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Thermal decomposition products can be formed including carbon monoxide, sulfur and nitrogen oxide and other fumes and vapors.

Material will not burn unless pre-heated. Do not enter confined space without full bunker gear. Firefighters should use self-contained breathing apparatus and protective clothing.

Federal Regulatory Status

Hazard Communication: This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

HMIS Codes: Health 3, Flammability 1, Reactivity 1, PPE B

DOT Shipping Name: Consumer commodity, ORM-D

Proper Shipping Name: Corrosive liquid, basic, organic, N.O.S.

UN#: 3267

Hazard Class: 8 Corrosives

Emergency Response Guide #153

TSCA Inventory Status: Chemical components are listed on TSCA inventory or are exempt as impurities.

SARA Title III, Section 313: This product contains Isopropanol and Mercaptan/Amine blend which are subject to reporting under Section 313 or SARA Title III (40 CFR Part 372).

EPA Waste Code(s): Not regulated by EPA as a hazardous waste.

Waste Disposal Methods: If this material becomes a waste, it would not be hazardous waste by RCRA criteria (40CFR261). Dispose according to federal, state and local regulations.

Canadian Regulations: WHMIS hazard class: D2B.

Canadian EPA: All ingredients are listed on the DSL or are exempt as impurities.

The information and recommendations in this document are based on the best information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness or completeness, or as to the results or reliance of this document.

MSDS Revision

1) Revised proper shipping name, un number and prepared date on 1-27-04