

Material Safety Data Sheet**Product Name:** New G5 Epoxy Adhesive**Description:** Part A: Epoxy Resin; Part B: Amine Hardener**General Use:** Chemical anchor used for commercial construction.**Supplier:** ITW Ramset/Red Head · 1300 N Michael Dr. · Wood Dale, IL 60191**Emergency Number:** 1-800-899-7890**Date Prepared:** July 1, 2003**Ingredients and Exposure Limits**

Ingredients	CAS Number	TLV:	PEL:	STEL
Part A: Bisphenol A Epoxy Resin	25068-38-6	NE	NE	NE
Part B: 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: Beige Paste
Specific Gravity	= 1.2 g/cm ³ (at 20° C)	= 1.7 g/cm ³ (at 20° C)
Boiling Point	= > 400° F	= > 212° F
Water Solubility	None	None

Safe Handling Procedures**Handling and Storing Precautions:** For professional use only. Keep away from children. Avoid contact with the eyes and skin. 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 normally required. 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. Seek medical advice.**Skin:** Wash immediately with soap and water. Launder contaminated clothing before reuse.**Inhalation:** If symptoms occur, move to fresh air. Call a physician 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.

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Other: Referral to a physician is recommended if there is any question about the seriousness of the exposure.

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.

Fire and Explosion Hazard Information

Flash point: > 212° 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

Regulatory Information

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 0, PPE B

DOT Shipping Name: Consumer commodity, ORM-D

UN#: 2735

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 an Amine Blend which is 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.

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