



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

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FOR CHEMICAL
EMERGENCY
Call Chemtrec day/night:
1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: E-Z Poxy™ Aluminum
RED LION PART NUMBER: 74505
PRODUCT TYPE: Epoxy Putty
CHEMICAL FAMILY: N/A

DATE PREPARED: 8/24/00

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2. COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME | % BY WEIGHT | OSHA PEL | ACGIH TLV | STEL | CAS # |
|---|-------------|----------|-----------------|------|--------------|
| Glycidyl ethers of bisphenol A resins** | 10-20 | | NOT ESTABLISHED | | 25068-38-6 |
| Tri (dimethylaminomethyl) phenol** | 1-3 | | NOT ESTABLISHED | | 90-72-2 |
| Magnesium silicate hydrate | 40-60 | N/D | N/D | N/D | 14807-96-6 |
| Sodium calcium magnesium silicate | 1-5 | N/D | N/D | N/D | 65997-17-3 |
| Polyether polymercaptan | 8-15 | N/D | N/D | N/D | Trade Secret |
| Aluminum pigment | 5-10 | N/D | N/D | N/D | 7429-90-5 |

**All ingredients in this product are listed in the T.S.C.A. Inventory

* An asterisk (*) indicates the toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Ingestion, Skin, Eyes

EFFECTS OF OVEREXPOSURE:

INHALATION: None

INGESTION: Irritation of intestinal tract.

SKIN CONTACT: Possible irritant and sensitizer.

EYE CONTACT: Possible irritant and sensitizer.

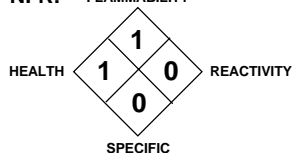
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

HAZARD RATINGS

NFR: FLAMMABILITY

HMIS:

| | |
|---|--------------|
| 1 | HEALTH |
| 1 | FLAMMABILITY |
| 0 | REACTIVITY |
| B | PROTECTION |



4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air.

INGESTION: Seek medical advice. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Wash with soap and water.

EYE CONTACT: Flush with water, consult a physician.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): >200°F (T.O.C.) FLAMMABLE LIMITS: None LEL N/A UEL N/A

EXTINGUISHING MEDIA: Water spray, foam, CO₂, dry chemicals

FIRE FIGHTING PROCEDURES: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

UNUSUAL AND EXPLOSION HAZARDS: CO, aldehydes, acids, oxides of sulfur and nitrogen may be formed.

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Dispose of in normal manner.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE: <90°F (32°C)

STORAGE CONDITIONS: Store in a cool, dry, well ventilated area.

TRANSFER: No special precautions are needed. Follow good manufacturing and handling practices.

PERSONAL HYGIENE: Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, faceshield and gloves. Professionally launder contaminated clothing before re-use.

EMPTY CONTAINER PRECAUTIONS: Attention! This container can be hazardous when empty. Follow label cautions even after the container is empty since empty containers could retain product residues. Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: None required unless sanding or abrading.

SKIN PROTECTION: Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.

EYE PROTECTION: Safety glasses

OTHER EQUIPMENT: None required

EXPOSURE GUIDELINES: General exhaust is not required. Local exhaust preferred only if heated above 100°F (38°C).

ENGINEERING CONTROLS: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Applicable

VAPOR PRESSURE (mmHg): Not Applicable

VAPOR DENSITY (AIR = 1): Non Volatile

SOLUBILITY IN WATER: Insoluble

PERCENT VOLATILE BY VOLUME: <1%

APPEARANCE AND ODOR: Aluminum Sulfur, Mercaptan

SPECIFIC GRAVITY (H₂O = 1): 1.90

MELTING POINT: Not Applicable

pH: Not Applicable

EVAPORATION RATE (BUTYL ACETATE = 1): N/A

FORM: Putty **VOLATILE COMPONENTS:** <1.0%

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, aldehydes, acids, oxides of sulfur and nitrogen.

11. TOXICOLOGICAL INFORMATION

EYE: No data available. **SKIN:** No data available. **INGESTION:** No data available. **INHALATION:** No data available.

SUBCHRONIC: No data available.

CHRONIC CARCINOGENICITY:

CARCINOGENICITY: NTP: Not Listed

IARC MONOGRAPH: Not Listed

OSHA REGULATED: Not Regulated

TERATOLOGY: No data available.

REPRODUCTION: No data available.

MUTAGENICITY: No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

CHEMICAL FATE INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS: Not a RCRA Hazardous Waste Material

WASTE DISPOSAL METHOD: Incinerate in furnace or bury in landfill according to applicable regulations; not a hazardous waste.

14. TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)

D.O.T. CLASSIFICATION: Not regulated

D.O.T. SHIPPING NAME: Not regulated

15. REGULATORY INFORMATION

EXPOSURE LIMITS: No data available.

16. OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

N/D — NOT DETERMINED N/A — NOT APPLICABLE N/R — NOT REGULATED

Conforms to 29 CFR 1910.1200, OSHA

ANSI Z129.1 - 1988 American National Standard for Hazardous Industrial Chemicals