

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION

MATERIAL NAME: Polycrete 1600 - PART A

MANUFACTURER: Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001

SUPPLIER: Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001

EMERGENCY PHONE:
CHEM-TREC: (800) 424-9300

(716) 542-3991

Chemical name: Epoxy
Trade Name: Polycrete 1600 - PART A
Material Use: Expansion Joint filler

Chemical Family: Epoxy
Chemical formula: N/A
Molecular Weight: N/A

SECTION II – HAZARDOUS INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Percent (wt)</u>	<u>LD50 (rat, oral)</u>
Epoxy Resins	25085-99-8	30-60%	5000 mg/kg
Blocked Polyurethane Resin	(unknown)	30-60%	N/E
Glycidyl ether	68609-97-2	5-10%	N/E

SECTION III – PHYSICAL DATA

- PHYSICAL STATE: Liquid
- ODOR/APPEARANCE: Clear, slight epoxy odor
- ODOR THRESHOLD (ppm): NE
- SPECIFIC GRAVITY: 1.08
- VAPOR PRESSURE (mm): N/A
- VAPOR DENSITY (air = 1): N/A
- EVAPORATION RATE: N/A
- BOILING POINT: N/A
- SOLUBILITY IN WATER: Insoluble
- FREEZING POINT: N/A
- % VOLATILE (volume): 0%
- PH: N/A
- COEFFICIENT OF WATER/OIL DISTRIBUTION: N/E

SECTION IV – FIRE AND EXPLOSION HAZARD

- FLAMABILITY: Non-Flammable
- UNDER WHICH CONDITIONS: N/A
- MEANS OF EXTINCTION: Foam, CO₂, Dry Chemical
- SPECIAL PROCEDURES: None
- FLASH POINT (F°): >200° C
- UPPER EXPLOSION LIMIT: N/E
- LOWER EXPLOSION LIMIT: N/E
- AUTOIGNATION TEMPERATURE: N/A
- HAZARD COMBUSTION PRODUCTS: CO₂, CO, Smoke
- SENSITIVITY TO: N/A
- MECHANICAL IMPACT: NONE
- STATIC DISCHARGE: NONE

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SECTION V – REACTIVITY DATA

CHEMICAL STABILITY: Stable
If no, under what conditions. N/A
INCOMPATIBILITY TO OTHER SUBSTANCES: No
If yes, which one's. None recognized
REACTIVITY & UNDER WHAT CONDITIONS: None by itself
• Reacts with aliphatic amines, causing irreversible polymerization.
HARARDOUS DECOMPOSITION PRODUCTS: CO₂, CO, phenolics

SECTION VI – TOXICOLOGICAL PROPERTIES

PRIMARY ROUTE OF EXPOSURE:

SKIN CONTACT SKIN ABSOROTION EYE CONTACT
 INHALATION ACUTE INHALATION CHRONIC INGESTION

EFFECTS OF ACUTE EXPOSURE:

- EYES: May cause slight irritation
- SKIN: May cause slight irritation
- INHALATION: May cause headache, nausea
- INGESTION: May cause nausea, vomiting

EFFECTS OF CHRONIC EXPOSURE:

- Prolonged or repeated exposure may cause skin sensitization.

ADDITIONAL HEALTH INFORMATION:

LD50 OF MATERIAL: See - SECTION II
LC50 OF MATERIAL: N/E
EXPOSURE LIMITS: N/E
IRRITANCY OF MATERIAL: Slight, eye & skin irritation
SENSITIZATION OF MATERIAL: Possible
SYNERGISTIC MATERIAL: None known
CARCINOGENICITY: NO
REPRODUCTIVE EFFECTS: None known
TERATOGENICITY: NO
MUTAGENICITY: NO

SECTION VII – FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Get to medical attention.
SKIN: Wash with soap and water.
INHALATION: Remove to fresh air.
INGESTION: Get to medical attention

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SECTION VIII – SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES:	Impervious
EYE PROTECTION:	Chemical splash goggles
RESPIRATORY PROTECTION:	Organic vapor (if no ventilation)
OTHER PROTECTIVE EQUIPMENT:	Appropriate clothing to prevent skin contact
ENGINEERING CONTROLS:	General ventilation

SECTION IX – SPILL OR LEAK INFORMATION

ENVIRONMENTAL RELEASES:

- Use absorbent material to soak up spills.
- Collect in suitable containers.

WASTE DISPOSABLE:

- Dispose of in accordance with local regulations.

SECTION X – HANDLING & STORAGE INFORMATION

HANDLING PROCEDURES:

- Guard against skin & eye exposure.

STORAGE REQUIREMENTS:

- No special requirements
- Keep from freezing

SECTION XI – REGULATORY INFORMATION

WHMIS CLASSIFICATION:	D2B
TDGA CLASSIFICATION:	Not regulated
UN NUMBER:	Not regulated
TSCA: (USA)	All ingredients on TSCA inventory.
CPEA: (Canada)	All ingredients on DSL (domestic substances list)

SECTION XII – PREPARATION INFORMATION

PREPARED BY:	Larry Prouty
Telephone number:	(905) 564-6100

ABBREVIATION NOTES:

- N/A = Not applicable
- N/E = Not established

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SECTION XIII – U.S. REGULATORY INFORMATION:

This MSDS complies with 20 CRF 1910.1200 (THE HAZARD COMMUNICATION STANDARD). Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Erie Metal Specialties, Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Erie Metal Specialties, Inc. be responsible for damages of any nature whatsoever resulting from the use of, misuse or reliance upon information. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure its activities comply with Federal, State or Provincial, and local laws and regulations.

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PREPARED BY: Erie Metal Specialties, Inc.
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