

MATERIAL SAFETY DATA SHEET**SECTION I – MATERIAL IDENTIFICATION**

MATERIAL NAME: Polycrete 1600 - PART B (FC – fast cure)

MANUFACTURER: Erie Metal Specialties, Inc.
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Akron, NY 14001SUPPLIER: Erie Metal Specialties, Inc.
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Akron, NY 14001EMERGENCY PHONE:
CHEM-TREC: (800) 424-9300

(716) 542-3991

Chemical name: Amine
Trade Name: Polycrete 1600 - PART B
Material Use: Epoxy curing solutionChemical Family: Amine
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>
Cyclohexanamine Resin	6864-37-5	60 – 100%	550 mg/kg

SECTION III – PHYSICAL DATA

PHYSICAL STATE	Liquid
ODOR/APPEARANCE:	Clear, slightly yellowish liquid, amine odor
ODOR THRESHOLD (ppm):	NE
SPECIFIC GRAVITY:	0.95
VAPOR PRESSURE (mm)	N/A
VAPOR DENSITY (air = 1):	N/A
EVAPORATION RATE:	N/A
BOILING POINT:	200° C
SOLUBILITY IN WATER	Insoluble
FREEZING POINT:	< 10° C
% 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:	N/A
FLASH POINT (F°):	175° C
UPPER EXPLOSION LIMIT:	N/E
LOWER EXPLOSION LIMIT:	N/E
AUTOIGNITION TEMPERATURE:	N/A
HAZARD COMBUSTION PRODUCTS:	CO2, CO, Smoke
SENSITIVITY TO:	NO
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:	YES
If yes, which one's.	Acids
REACTIVITY & UNDER WHAT CONDITIONS:	None by itself
• Reacts with acids, epoxy compounds	
HARARDOUS DECOMPOSITION PRODUCTS:	CO2, CO, nitrous oxides

SECTION VI – TOXICOLOGICAL PROPERTIES

PRIMARY ROUTE OF EXPOSURE:

<input checked="" type="checkbox"/> SKIN CONTACT	<input checked="" type="checkbox"/> SKIN ABSOROTION	<input checked="" type="checkbox"/> EYE CONTACT
<input checked="" type="checkbox"/> INHALATION ACUTE	<input checked="" type="checkbox"/> INHALATION CHRONIC	<input checked="" type="checkbox"/> INGESTION

EFFECTS OF ACUTE EXPOSURE:

- EYES: Severe eye irritation
- SKIN: Corrosive to skin
- INHALATION: May cause burns to respiratory tract
- INGESTION: May cause burns to mouth & throat

EFFECTS OF CHRONIC EXPOSURE:

- May cause skin and/or respiratory sensitization.

ADDITIONAL HEALTH INFORMATION:

LD50 OF MATERIAL:	See - <u>SECTION II</u>
LC50 OF MATERIAL:	N/E
EXPOSURE LIMITS:	N/E
IRRITANCY OF MATERIAL:	Severe, eye & skin irritation
SENSITIZATION OF MATERIAL:	Skin & respiratory sensitization
SYNERGISTIC MATERIAL	None known
CARCINOGENICITY:	NO
REPRODUCTIVE EFFECTS:	None known
TERATOGENICITY:	NO
MUTAGENICITY:	NO

SECTION VII – FIRST AID MEASURES

EYES:	Immediately flush with water for 30 minutes. Get to medical attention.
SKIN:	Immediately flush with water for 15 minutes. Get medical attention.
INHALATION:	Remove to fresh air. If irritation persists, get to medical attention.
INGESTION:	Do not induce vomiting. Give large amounts of water if patient is conscious. Get to medical attention
ADDITIONAL INFORMATION:	Remove and wash contaminated clothing before reuse. Destroy contaminated shoes.

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SECTION VIII – SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES:	Impervious
EYE PROTECTION:	Chemical splash goggles
RESPIRATORY PROTECTION:	Organic vapor, or full face respirator
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:

- Keep in a cool dry place & well ventilated location
- Keep containers tightly sealed
- Do not allow to freeze

SECTION XI – REGULATORY INFORMATION

WHMIS CLASSIFICATION:	D2B, E
TDGA CLASSIFICATION:	Class 8, packing group III
UN NAME:	Dimethylmethylenedicyclohexanamine
UN NUMBER:	UN 2735
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
- FC = Fast Cure

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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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