

MATERIAL SAFETY DATA SHEET

MSDS 2002

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SECTION I – MATERIAL IDENTIFICATION

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

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: Amine
Trade Name: Polycrete 1600 - PART B
Material Use: Epoxy curing solution

Chemical 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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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
Date of preparation:	April 1, 2002

ABBREVIATION NOTES:

- N/A = Not applicable
- N/E = Not established
- FC = Fast Cure