

**\*MATERIAL SAFETY DATA SHEET\***

**SECTION I – MATERIAL IDENTIFICATION**

MATERIAL NAME: Polycrete Hot Applied - Part B

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 Hot Applied – Part B  
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>
Diglyceride Ether of Dixphenol-A	25068-38	10 – 30%	30g/kg
4-nonyl-phenol	84852-15-3	1 – 5%	N/AV
Bis(2-Ethylhexyl) Phthalate	117-81-7	1 – 5%	30g/kg

**SECTION III – PHYSICAL DATA**

- PHYSICAL STATE: Liquid
- ODOR/APPEARANCE: Black, strong
- ODOR THRESHOLD (ppm): N/A
- SPECIFIC GRAVITY: 0.995
- VAPOR PRESSURE (mm): N/A
- VAPOR DENSITY (air = 1): <1
- EVAPORATION RATE: <1
- BOILING POINT: N/A
- SOLUBILITY IN WATER: N/A
- FREEZING POINT: N/A
- % VOLATILE (volume): 0%
- PH: Alkaline
- COEFFICIENT OF WATER/OIL DISTRIBUTION: N/E

**SECTION IV – FIRE AND EXPLOSION HAZARD**

- FLAMABILITY: Non-Flammable
- UNDER WHICH CONDITIONS: N/A
- MEANS OF EXTINCTION: Water Fog, Foam, CO2
- SPECIAL PROCEDURES: Firefighters should wear S.C.B.A. and full protective equipment
- FLASH POINT (F°): 200° F
- UPPER EXPLOSION LIMIT: N/E
- LOWER EXPLOSION LIMIT: N/E
- AUTOIGNATION TEMPERATURE: N/A
- HAZARD COMBUSTION PRODUCTS: CO2, CO, Hydrocarbons
- SENSITIVITY TO: N/A
- MECHANICAL IMPACT: N/E
- STATIC DISCHARGE: N/E

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**SECTION V – REACTIVITY DATA**

CHEMICAL STABILITY:	Stable
If no, under what conditions.	N/A
INCOMPATIBILITY TO OTHER SUBSTANCES:	Avoid strong oxidizers, strong bases
REACTIVITY & UNDER WHAT CONDITIONS:	Reacts violently with strong oxidizers, nitric acid, and peroxides
HARARDOUS DECOMPOSITION PRODUCTS:	CO <sub>2</sub> , CO, NO <sub>x</sub>

**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 irritation and burns which may cause blindness will occur. Corneal damage may occur.
- SKIN: Irritation and burns
- INHALATION: Irritations, burns and scarring.  
Prolonged overexposure may cause convulsions and possible cardiovascular collapse.
- INGESTION: Toxic, fatal dose approx. 430 mg/Kg body weight. Will cause irritation of tissue, burns and scarring.

EFFECTS OF CHRONIC EXPOSURE:

- Skin contact, eye contact and inhalation may lead to sensitization. Coal tar is considered a carcinogen. Prolonged and repeated skin contact may lead to skin cancer. Inhalation: long term, repeated exposure and inhalation may lead to other internal cancers.

EXPOSURE LIMITS:

- (COAL TAR) 0.2 mg/m<sup>3</sup> OSHA/PEL

SENSITIZATION:

- Skin sensitization may occur from repeated exposure.

ADDITIONAL HEALTH INFORMATION:

LD50 OF MATERIAL:	See - <u>SECTION II</u>
LC50 OF MATERIAL:	N/A
IRRITANCY OF MATERIAL:	Severe eye, skin
SENSITIZATION OF MATERIAL:	Possible
SYNERGISTIC MATERIAL	None known
CARCINOGENICITY:	YES
REPRODUCTIVE EFFECTS:	None known
TERATOGENICITY:	None known
MUTAGENICITY:	None known

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**SECTION VII – FIRST AID MEASURES**

EYES: Flush immediately with large amounts of water for at least 15 minutes: Contact Physician immediately. Be aware that corneal damage may occur.

SKIN: Remove any contaminated clothing. Remove product from skin immediately with a dry cloth or paper towel. Wash area of contact thoroughly with soap and water. **SOLVENTS SHOULD NOT BE USED**, because they carry the irritants through the skin.

INHALATION: Remove person to fresh air. If irritation continues seek medical attention.

INGESTION: Not likely to occur. Contact medical help immediately. Do not induce vomiting. Drink plenty of water, then take 2 tbsp of activated charcoal U.S.P. (drug grade) in water. Never give anything by mouth to an unconscious person.

**SECTION VIII – SPECIAL PROTECTION INFORMATION**

PROTECTIVE GLOVES: Impervious rubber

EYE PROTECTION: Chemical splash goggles

RESPIRATORY PROTECTION: Organic vapor (if no ventilation)

OTHER PROTECTIVE EQUIPMENT: Impervious boots, splash bib recommended. Remove and dispose of contaminated clothing.

ENGINEERING CONTROLS: Good local exhaust or mechanical ventilation is required

**SECTION IX – SPILL OR LEAK INFORMATION**

ENVIRONMENTAL RELEASES:

- Use absorbent material to soak up spills
- Collect in suitable containers
- Ventilate area well

WASTE DISPOSABLE:

- Dispose of in accordance with local, state, and federal regulations.

**SECTION X – HANDLING & STORAGE INFORMATION**

HANDLING PROCEDURES:

- Store in a cool, dry location. Do not allow material to freeze as product may be damaged. Store away from spark and open flames.

STORAGE REQUIREMENTS:

- Keep from freezing
- Store in a cool, dry location
- Store away from open flames

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**SECTION XI – REGULATORY INFORMATION**

DOT CLASSIFICATION: Amine, liquid, corrosive  
WHIMS CLASSIFICATION: D1A, D2A, E WHIMS  
UN NUMBER: UN2735  
HAZARD CLASS: 8 PG III  
TSCA: (USA) All ingredients on TSCA inventory.  
CPEA: (Canada) All ingredients on DSL (domestic substances list)

**SECTION XII – PREPARATION INFORMATION**

PREPARED BY: Erie Metal Specialties  
Telephone number: (716) 542-3991  
Date of preparation: October 4, 2008

## ABREVIATION NOTES:

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

**SECTION XIII – U.S. REGULATORY INFORMATION:**

This MSDS complies with 20 CRF 1910.1200 (THWE 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.

ISSUE DATE:.....01/05/09

SUPERCEDES:.....10/09/08

PREPARED BY: Erie Metal Specialties, Inc.  
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