

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

MATERIAL NAME: Polycrete 2020 Bedding - PART A (white)

MANUFACTURER: Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001SUPPLIER: Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001EMERGENCY PHONE:
CHEM-TREC: (800) 424-9300

(716) 542-3991

Chemical name: N/A
Trade Name: Polycrete 2020 Bedding - PART A
Material Use: AdhesiveChemical Family: Mixture
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 | 25068-38-6 | 30-60% | 11,400 mg/kg |
| Butyl glycidyl ether | 2426-08-6 | 1-5% | 2,050 mg/kg |

SECTION III – PHYSICAL DATA

- PHYSICAL STATE: Thick paste
- ODOR/APPEARANCE: White, slight epoxy odor
- ODOR THRESHOLD (ppm): NE
- SPECIFIC GRAVITY: 1.5
- VAPOR PRESSURE (mm): N/A
- VAPOR DENSITY (air = 1): N/A
- EVAPORATION RATE: N/A
- BOILING POINT: N/E
- 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°): >249° C
- UPPER EXPLOSION LIMIT: N/E
- LOWER EXPLOSION LIMIT: N/E
- AUTOIGNITION 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. | No one recognized |
| REACTIVITY & UNDER WHAT CONDITIONS: | None by itself |
| • Reacts with aliphatic amines, causing irreversible polymerization. | |
| HARARDOUS DECOMPOSITION PRODUCTS: | CO ₂ , CO, phenolics |

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: May cause slight eye irritation
- SKIN: May cause slight irritation to skin
- 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 - <u>SECTION II</u> |
| 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: | May cause mutagenicity effects |

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 (id no ventilation) |
| OTHER PROTECTIVE EQUIPMENT: | Appropriate clothing to prevent skin contact |
| ENGINEERING CONTROLS: | General ventilation |

SECTION IX – SPILL OR LEAK INFORMATION

ENVIROMENTAL 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:

- Do not allow to freeze

SECTION XI – REGULATORY INFORMATION

| | |
|-----------------------|---|
| WHMIS CLASSIFICATION: | D2B |
| TDGA CLASSIFICATION: | Not regulated |
| UN NAME: | 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:

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

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

PREPARED BY: Erie Metal Specialties, Inc.
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