

MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.
Product Name: Superior Knife Grade Epoxy - Part A
Issue Date: 01/01/04
Revision Date: 02/08/08
MSDS Number: SUP-90430



Section I – Chemical Product and Company Identification

Product Identifier: Superior E-1010 - Part A, E-2010 - Part A, E-5010 - Part A
Product Description: Epoxy Adhesive and Filler - Part A
Chemical Family: Epoxy Resin

MANUFACTURER:
Superior Stone Products, Inc.
8580 Byron Commerce Drive
Byron Center, MI 49315
616-583-0171

24 Hour Emergency Telephone Number:
CHEMTREC 800-424-9300

Section II – Composition/Information on Ingredients

If present, IARC, NTP and OSHA carcinogens and chemicals subject to the reporting requirements of SARA title III Section 313 are identified in this Section.

<u>Ingredient</u>	<u>CAS#</u>	<u>% (By Weight)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Bisphenol A/Epichlorohydrin Based Epoxy Resin	25068-38-6	%80-95	Not Established	Not Established
Propylene Carbonate	108-32-7	%0-10	Not Established	Not Established
Hydrophobic Amorphous Fumed Silica	67762-90-7	%5-15	5 mg/m ³ (Respirable)* 15 mg/m ³ (Total)*	5 mg/m ³ (Respirable)* 15 mg/m ³ (Total)*

* Particulates Not Otherwise Regulated

Section III – Hazards Identification

Ingestion: May cause gastrointestinal disturbances, pain and discomfort. Product has a low order of acute oral toxicity.

Skin: Maybe irritating to the skin. May cause skin sensitization.

Eye: May cause irritation. Liquid splashes may result in more serious injury. May cause lachrymation (tears).

Inhalation: Based on its low volatility, the product is not likely to be an inhalation hazard. Aerosolization may cause product to be inhaled which may lead to respiratory tract irritation.

HMIS Codes:

Fire: 1
Health: 2
Reactivity: 0
Personal Protective Index: X

Section IV – First Aid Measures

If Swallowed: Do not induce vomiting. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing. Rinse area affected with plenty of water and soap. If contact with hot product occurs immediately flush with cool water for 15 minutes. If clothing is stuck to the burn area do not pull off, but cut around it. Cover burn area with a clean material. Seek immediate medical attention.

If Inhaled: Remove to fresh air. Provide artificial respiration if victim is not breathing. If rapid recovery does not occur, seek immediate medical attention.

Eyes: Immediately flush eye with water for 15 minutes while eyelids are held open. Seek immediate medical attention.

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Section V - Fire Fighting Measures

Flash Point: 110°C (230°F) (estimated)

Combustible Class: III B

Hazardous Products of Combustion: Carbon monoxide may be evolved if incomplete combustion occurs. Toxic gasses or vapors.

Extinguishing Agents: Use water fog, foam, dry powder or carbon dioxide.

Special Fire Fighting Procedures: Utilize full protective clothing and self-contained breathing apparatus

Unusual Fire And Explosion Hazards: Not classified as flammable but will burn.

Section VI - Accidental Release Measures

Procedure For Cleanup: Absorb spill with an absorbent material such as sawdust, vermiculite or sand and place in a closed container. If large spill, dike the area to prevent this material from entering water systems or sewers. Prevent contamination of soil and water. Dispose of material in accordance with federal, state/provincial and local regulations.

Section VII - Handling and Storage

General Procedures: Read and observe all precautions on product label and material safety data sheet before handling. Refer to product label or manufactures technical bulletins for the proper use and handling of this material. Avoid contact with skin, eyes and clothing. Do not use or store near flame, sparks or hot surfaces. Use only in well ventilated area. Keep container closed and store in a cool dry place. Do not weld, heat or drill container.

Storage Temperature: 50° - 100° F

Shelf Life: One (1) year when stored at room temperature.

Section VIII - Exposure Controls/Personal Protection

Respiratory Protection: Not normally required. In a confined space, self-contained breathing apparatus may be required. Use only a NIOSH/MSHA approved respiratory protection if exposed to vapors above the PEL.

Ventilation: Normal ventilation is typically adequate in most situations.

Protective Gloves: Wear appropriate protective gloves and clothing to prevent skin contact.

Eye Protection: Wear safety glasses, face shield or chemical goggles.

Section IX – Physical and Chemical Properties

Form: Viscous Liquid

Appearance: Clear to Light Yellowish

Boiling Point: > 150°C (>302°F)

Vapor Pressure: <0.04 mbar @ 77°C (171°F)

Relative Density: ~1.15

Solubility in Water: Negligible

Section X - Stability and Reactivity

Stability: Stable under normal use conditions. Reacts with strong oxidizing agents. Polymerizes exothermically with amines, mercaptans and Lewis acids at ambient temperatures and above. Polymerizes in contact with caustic soda. Reacts exothermically with bases (e.g. caustic sodas), ammonia, primary and secondary amines, alcohols, water and acids.

Incompatibility (materials to avoid): Strong oxidizing agents and caustic sodas.

Hazardous Decomposition or Combustion: Hazardous decomposition products are not expected to form during normal storage.

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Section XI - Toxicological Information

Acute Oral Toxicity: No data available for this product.
Acute Dermal Toxicity: No data available for this product.
Acute Inhalation Toxicity: No data available for this product.
Contact manufacturer for any applicable toxicological information.

Section XII - Ecological Information

No data available for this product.

Section XIII - Disposal Considerations

Dispose of container and unused contents in accordance with federal, provincial, state and local requirements. For further information, contact your provincial, state or local solid waste agency or the United States Environmental Protection Agency's RCRA hotline (800-424-9346).

Section XIV - Transportation Information

Transportation Data/DOT
Not regulated by the DOT

Section XV - Regulatory Information

Federal Regulations:

Sara Title III - Section 311

Immediate (Acute) Health Effects:	Yes
Chronic (Delayed) Health Effects:	No
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactivity:	No

Sara Title III - Section 313

None

Canadian Ingredient Disclosure List:

Propylene Carbonate (108-32-7)

WHMIS Classification:

None

Section XVI - Other Information

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