

MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.

Product Name: Superior E-1500 Part B

Issue Date: 4/19/10

Revision Date: 7/7/10

MSDS Number: 200-25410



Section I – Chemical Product and Company Identification

Product Identifier: Superior E-1500 Part B
Product Description: Epoxy Adhesive and Filler
Product Code: 200-25410
Chemical Family: Amine

Company:
Superior Stone Products, Inc.
8580 Byron Commerce Drive
Byron Center, MI 49315
Phone: (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>% (By Weight)</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Nepheline Syenite	50-75%	37244-96-5	Not Established	Not Established
TOFA, Reaction Products with TEPA	25-40%	68953-36-6	Not Established	Not Established
Tetraethaleneptamine	5-10%	112-57-2	Not established	5 mg/m3
Hydrophobic Silica	<10%	67762-90-7	5 mg/m3 (Respirable)* 15 mg/m3 (Total)*	5 mg/m3 (Respirable)* 15 mg/m3 (Total)*
Triethylenetetriamine	<5%	112-24-3	Not established	1 ppm

Section III – Hazards Identification

Ingestion: Harmful if swallowed.

Skin: Harmful in contact with skin. Severely irritating to the skin. May cause skin sensitization by skin contact.

Inhalation: Severely irritating to the respiratory system. May cause sensitization by inhalation. Exposure to decomposition products may cause a health hazard. Serious side effects may be delayed following exposure. Symptoms may include respiratory tract irritation, coughing, wheezing and breathing difficulties and asthma.

Eye: Severely irritating to eyes. Risk of serious damage to eyes. May cause excessive tear formation, pain, irritation or redness.

HMIS Codes:

Fire: 1

Health: 2

Reactivity: 0

Personal Protection Index: X

Section IV – First Aid Measures

If Swallowed: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical aid. Never give anything by mouth to an unconscious person.

Skin Contact: Remove contaminated clothing and flush affected area with soap and water. Consult a physician if any signs or symptoms described in this document occur. Wash contaminated clothing prior to reuse. In the event of any complaints or symptoms, avoid further exposure.

If Inhaled: Remove victim from exposure. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, administer artificial respiration and/or oxygen as needed. If unconscious, place in recovery

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position and seek medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar tie, belt or waist band.

Eyes: Flush with copious amounts of water for at least 15 minutes. Seek immediate medical aid.

Note to Physicians: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Section V - Fire Fighting Measures

Flammable Class: NA

Flash Point: > 93.4°C (200.1°F)

Auto Ignition: NA

UEL: NA

LEL: NA

Extinguishing Agents: Use an extinguishing agent suitable for the surrounding fire.

Special Fire Fighting Procedures: Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus and full protective clothing. Equipment should be thoroughly decontaminated after use. Scene shall be isolated by removing all persons from the vicinity of the fire. No action shall be taken involving any personal risk or without suitable training.

Unusual Fire and Explosion Hazards: Decomposition products may include the following materials: carbon oxides, nitrogen oxides.

Section VI - Accidental Release Measures

Procedure for Cleanup: Remove all sources of ignition. Ventilate area. 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. Dispose of hazardous waste only in a certified facility for hazardous waste handling in accordance with federal, state, and local regulations.

Call CHEMTREC Emergency Phone Number (24 hour): 800-424-9300

Section VII - Handling and Storage

Handling: Put on appropriate Personal Protective Equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled stored and/or processed. Workers should wash hands and face before eating, drinking and smoking. Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Avoid exposure during pregnancy. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefullyDo not store in temperatures greater than 100°F

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

Section VIII - Exposure Controls/Personal Protection

Engineering Controls: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

Respiratory Protection: If a TLV or PEL listed in this data sheet is exceeded, then suitable respiratory protection must be worn to prevent overexposure. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or

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canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited.

Protective Clothing: Wear appropriate clothing and impervious gloves to prevent skin contact.

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

Other Use Precautions: Eye wash station and safety shower should be available for use in emergency situations.

Section IX – Physical and Chemical Properties

Physical State: Thick Paste

Specific Gravity: 0.94 (water = 1)

Vapor Pressure: <133 Pa @ 20°C (68°F)

Odor: Amine

Color: Reddish Brown

VOC Content: NA

Section X - Stability and Reactivity

Stability: Material is stable under normal conditions of storage and use.

Hazardous Polymerization: No

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous Decomposition: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Conditions to avoid: Heat, sparks, flames and other ignition sources.

Section XI - Toxicological Information

Toxicology: Contact manufacturer for any additional information.

Section XII - Ecological Information

Ecotoxicological 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

DOT (DEPARTMENT OF TRANSPORTATION)

Not Regulated

Please refer to the DOT regulations for more information

International Air Transport Association (IATA)

Not Regulated

Please refer to the IATA regulations for more information

International Maritime Organization (IMO)

Not Regulated

Please refer to the IMO regulations for more information.

Section XV - Regulatory Information

Federal Regulations:

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Sara Title III - Section 311

Immediate (Acute) Health Effects: Yes

Chronic (Delayed) Health Effects: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity: No

Sara Title III - Section 313

None

Canada:

Canadian WHMIS Classification: D1A, D2A, D2B

Canadian Disclosure List:

Tetraethalene pentamine (112-24-3)

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act (TSCA)

Section XVI - Other Information

MANUFACTURER DISCLAIMER: This information is provided in good faith and is correct to the best of the manufacturers' knowledge as of the date hereof; however, the manufacturer makes no representation as to its completeness or accuracy. Customers are encouraged to make their own determination as to the suitability of this product for their purpose prior to use. The manufacturer disclaims responsibility to damages of any kind resulting from the use of this information. THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES.