

MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.
Product Name: Superior Quartz Surface Enhancer
Issue Date: 09/25/06
Revision Date: 01/04/07
MSDS Number: SUP-17696



Section I – Chemical Product and Company Identification

Product Identifier: Superior Quartz Surface Enhancer

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>
Aliphatic Hydrocarbons	8052-41-3	<70%
Xylene	1330-20-7	>2%
<i>Technical grade xylene may contain the following:</i>		
Ethyl Benzene	100-41-4	0-25%

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	EXPOSURE LIMITS	
	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aliphatic Hydrocarbons	500 ppm (Gen. Ind.) 200 ppm (Const)	100 ppm
Xylene	100 ppm	100 ppm 150 ppm STEL
Ethyl Benzene	100 ppm	100 ppm 125 ppm STEL

Section III – Hazards Identification

Combustible Liquid

Chronic Effects of Overexposure: No known applicable information.

Acute Effects of Overexposure: Early to moderate CNS depression. Headache, dizziness or nausea. Irritation as noted. May aggravate pre-existing eye or skin conditions upon contact.

Ingestion: May cause vomiting. Aspiration of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

Skin: May cause skin irritation with discomfort or rash, redness swelling, and itching. Prolonged or repeated contact can result in defatting and may cause CNS depression.

Inhalation: Vapors may be irritating to the eyes, nose throat and respiratory tract. High vapor concentrations may cause headaches, dizziness and may cause CNS depression.

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Eye: Eye contact may cause eye irritation with discomfort, tearing, or blurring of vision. High vapor concentrations (>100 ppm) may be irritating to the eyes.

HMIS Rating:

Health:	2
Flammability:	2
Reactivity:	0
Personal Protection Index:	X

Section IV – First Aid Measures

If Swallowed: For large amounts, do not induce vomiting but give one or two glasses of water to drink.. Seek immediate medical attention.

Skin Contact: In case of skin contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention..

If Inhaled: Remove to fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer artificial respiration.

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes and call a physician.

Section V - Fire Fighting Measures

Combustible Liquid: Keep work areas free of hot metal surfaces and other sources of ignition. Avoid spreading burning liquid with water used for cooling.

Flash Point: 134.6°F (57°C)

Auto Ignition: NA

Flamable limits in Air:

LEL: 0.7%

UEL: 7%

Hazardous Products of Combustion: Thermal decomposition may produce toxic fluorinated products. Burning may produce oxides of carbon and unidentified organics.

Extinguishing Agents: Water, Carbon Dioxide, Foam Or Dry Powder.

Special Fire Fighting Procedures: Evacuate personnel to safe area. Avoid breathing decomposition products. Shut off source, if possible. Use NIOSH/MSHA approved self-contained breathing apparatus.

Unusual Fire And Explosion Hazards: A combustible liquid can form combustible mixtures at temperatures at or above flash point. Material can accumulate static charges that can cause an incendiary electrical discharge.

Section VI - Accidental Release Measures

Procedure For Cleanup: Wear appropriate personal protective equipment. Eliminate all ignition sources. Leaks should be stopped as soon as possible. Spills should be contained and cleaned up immediately. Evacuate unnecessary personnel. Spills should be absorbed with inert material. Treat or dispose of waste in accordance with all local, state, or federal requirements.

Section VII - Handling and Storage

Keep away from heat, sparks and flames. Use with adequate ventilation. Use only low pressure sprayers. Do NOT aerosolize. Avoid prolonged contact with skin or eyes. Keep container closed to avoid contamination and store in a cool dry area. Avoid breathing in mist or vapors. Follow all MSDS/label precautions even after the container is empty since residues may remain.

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Section VIII - Exposure Controls/Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below the recommended exposure limits.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. When there is potential for airborne exposures in excess of applicable limits, wear MIOSH/MSHA approved respiratory protection.

Skin Protection Requirements: Nitrile, neoprene or natural rubber gloves. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots and chemical safety goggles plus a face shield.

Eye Protection: Chemical safety goggles and full face shield are recommended to avoid contact with eyes.

Section IX – Physical and Chemical Properties

Form: Liquid
Appearance/Color: Clear/light amber
Specific Gravity: 0.77 (Water = 1)
Evaporation: < 1
Odor: Solvent odor
Boiling Point: >170°F
Water Reactive: None

Section X - Stability and Reactivity

Stability: Stable - Hazardous polymerization will not occur.

Incompatibility (materials to avoid): strong oxidizing agents.

Hazardous Decomposition or Combustion: Thermal decomposition produces toxic fluorinated products. Burning may produce oxides of carbon and unidentified organics..

Section XI - Toxicological Information

No information available

Section XII - Ecological Information

No information is available.

Section XIII - Disposal Considerations

Treat or dispose of waste material in accordance with all local, state, and federal requirements.

Section XIV - Regulatory Information

Transportation Data/DOT

Shipping Description: Petroleum Distillate, N.O.S., Combustible Liquid UN 1268, III

Note: In containers of 119 gallons or less this product is not regulated by DOT.

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Section XV - Regulatory Information

SARA Title III - Section 311:

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

SARA Title III - Section 313:

Xylene (1330-20-7)

Title V of the Clean Air Act:

Xylene (1330-20-7)

Southern California Toxic Air Pollutants list:

Xylene (1330-20-7)

WHMIS Hazard Symbol:

B3 - Combustible Liquid

Canadian Disclosure List:

Xylene 1330-20-7

Aliphatic Hydrocarbon 8052-41-3

Section XVI - Other Information

We believe that said statements, technical information and recommendations contained herein are reliable. Statements contained herein are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.