

MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.
Product Name: Superior Resin Color Paste (Various Colors)
Issue Date: 1/01/04
Revision Date: 02/19/08
MSDS Number: SUP-91000



Section I – Chemical Product and Company Identification

Product Identifier: Superior Resin Color Paste (Various Colors)
Product Description: Polyester Adhesive and Filler
Product Code: 91000
Chemical Family: Polyester 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>% (By Weight)</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Unsaturate Polyester Resin	25-75%	N/A	Not Established	Not Established
<i>Some color pastes may contain one or all of the following materials</i>				
Xylene	<4%	1330-20-7	100 ppm	100 ppm 150 ppm (STEL)
Ethyl Benzene	<3%	100-41-4	100 ppm 300 ppm (Ceiling) 500 ppm (for single time period up to 10 min. in any 8 hr. shift)	100 ppm 125 ppm (STEL)
Toluene	<3%	108-88-3	200 ppm	50 ppm

Section III – Hazards Identification/Routes of Entry

Ingestion: Swallowing in large amounts may be harmful. May get into lungs during ingestion or vomiting which could result in lung inflammation or injury. May cause gastrointestinal disturbances, pain and discomfort.

Skin: May cause skin irritation. Prolonged or repeated exposure may dry the skin and lead to dermatitis. Symptoms may include redness, burning, and stinging.

Inhalation: Inhaling small amounts of vapor and mist is possible and during normal handling is not likely to cause harmful effects. Breathing large amounts of vapor or mist may be harmful, usually in high concentrations.

Eye: May cause irritation. Liquid splashes may result in more serious injuries. May cause lachrymation (tears), redness, and stinging.

HMIS Codes:

Fire: 1
Health: 1
Reactivity: 1
Personal Protection Index: X

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Section IV – First Aid Measures

If Swallowed: DO NOT INDUCE VOMITING (aspiration hazard). Seek immediate medical aid.

Skin Contact: Remove contaminated clothing. Wash with soap and water. Consult a physician if any signs or symptoms described in this document occur. Wash contaminated clothing.

If Inhaled: Remove victim from exposure. If victim is unconscious, administer artificial respiration and/or oxygen as needed. Seek medical aid.

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

Section V - Fire Fighting Measures

Flammable Class: IIIB

Flash Point: >93.3°C (>200°F)

Auto Ignition: Unknown

UEL: Unknown

LEL: Unknown

Extinguishing Agents: Foam, dry chemical, carbon dioxide.

Special Fire Fighting Procedures: Fire fighters 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. Water may be used to cool closed containers to prevent build ups and possible auto-ignition or explosion when exposed to extreme heat. Prevent material from entering waterways.

Unusual Fire And Explosion Hazards: Keep containers tightly closed and isolate from heat, electrical equipment, sparks and flames. Never used welding or cutting torch on or near drum (even if empty) Heat from fire may generate flammable vapor.

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

Read and observe all precautions on product label. Refer to product label or manufacturers technical bulletins for the proper use and handling of this material. Do not use or store near flame, sparks or hot surfaces. Use only in well ventilated area. Keep container closed. Do not weld, heat or drill container. Emptied container may still contain hazardous or explosive vapor or liquid. Do not store in temperatures greater than 140°F

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 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.

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Section IX – Physical and Chemical Properties

Physical State: Liquid
Specific Gravity: 1.1 - 2.3
Evaporation Rate: Slower than n-Butyl Acetate
VOC Content: <32 g/l

Section X - Stability and Reactivity

Stability: Material is stable
Hazardous Polymerization: No
Incompatibility (materials to avoid): Strong alkalis and oxidizing agents. Will react exothermically with isocyanates.
Hazardous Decomposition: Thermal decomposition or combustion can produce fumes containing carbon monoxide, carbon dioxide, aldehydes, carbon, and other toxic gases.
Conditions to avoid: Heat and direct sunlight. Elevated temperatures and sources of ignition.

Section XI - Toxicological Information

Toxicology: No information is available for this product.

Section XII - Ecological Information

Ecotoxicological Information: No information is 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 by the U.S. Department of Transportation as a hazardous material as originally packaged.

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

Various color pastes may contain the following materials. Contact manufacture for detailed information.

Xylene (1330-20-7)
Ethyl Benzene (100-41-4)
Toluene (108-88-3)

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Canadian Ingredient Disclosure List:

Various color pastes may contain the following materials. Contact manufacture for detailed information.

Ethyl Benzene (100-41-4)
Toluene (108-88-3)

WHMIS Classification:

Class B - Division 3

Section XVI - Other Information

MANUFACTURER DISCLAIMER: This information is provided in good faith and is correct to the best of Superior Stone Products' knowledge as of the date hereof; however, Superior Stone Products 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. Superior Stone Products 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.