

SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.
Product Name: Superior Resin Coloring Paste - White
Issue Date: 1/1/04
Revision Date: 8/31/18
SDS Number: 200-35110



Section I – Product and Company Identification

Product Identifier: Superior Resin Coloring Paste - White
Product Description/Use: Polyester Filler
Product Code: 35110
Chemical Family: Polyester
Company:

Superior Stone Products, Inc.
8580 Byron Commerce Drive
Byron Center, MI 49546
Phone: (616) 583-0171

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

Section II – Hazards Identification

GHS Hazard Classification(s): Not Classified as Hazardous

Symbols: No Hazard Symbols

Signal Word(s): No Signal Word

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Hazards not otherwise classified: None known.

Section III – Composition/Information on Ingredients

Substance/Mixture: Mixture

<u>Ingredient</u>	<u>Synonym(s)</u>	<u>% (By Weight)</u>	<u>CAS#</u>	<u>EINECS No.</u>
White Color Paste	N/A	N/A	N/A	N/A
Titanium Dioxide	Unitane, Pigment White 6, TiO ₂ , Titanic Anhydride, Titan Dioxide, Titania, Titanium(+4)Oxide, Anatase	60-80%	13463-67-7	236-675-5

Section IV – First Aid Measures

If Swallowed: Rinse mouth out with water. 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. Seek medical aid if symptoms develop.

Eyes: Flush with copious amounts of water for 15 minutes. Seek medical attention if pain, blinking or redness persist.

Section V - Fire Fighting Measures

Suitable Extinguishing Media: Water Spray, foam, dry chemical, carbon dioxide or any Class B extinguishing agent.

Unsuitable Extinguishing Media: Do not use water jet.

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.

Hazardous Products of Combustion: Decomposition products may include the following material: carbon oxides, metal oxide/oxides.

Section VI - Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Do not touch or walk through spilled material. Provide adequate ventilation.

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For Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See also the information for non-emergency personnel.

Methods and Materials for Containment and Cleaning Up

Small Spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Large Spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section VII - Handling and Storage

Precautions for Safe Handling

Protective Measures: Put on appropriate personal protection equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not breath vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined space unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible materials, kept tightly closed when not in use. Store and use away from heat, sparks open flame or any other ignition source. Empty containers retain product residue may be hazardous. Do no reuse container.

Advice on General Occupational Health: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for Safe Storage, Including and Incompatibles: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do no store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Refer to the product label and/or technical data sheet for further information.
Do not store in temperatures greater than 100°F.

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

Section VIII - Exposure Controls/Personal Protection

Likely Routes of Exposure: Dermal, Ingestion.

Control Parameters

Occupational exposure Limits:

Ingredient Name

Titanium Dioxide

Exposure Limits

ACGIH TLV (United States, 4/2014)

TWA: 10 mg/m³ - 8 hours

OSHA PEL 1989 (United States, 3/1989)

TWA: 10 mg/m³ - 8 hours

OSHA PEL (United States, 2/2013)

TWA: 15 mg/m³ - 8 hours Form: Total Dust

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Engineering Controls: Use only with adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard. Engineering controls also need to keep gas vapor or dust concentrations below any lower explosive limits.

Environmental Exposure Controls: Emissions from ventilation of work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. .

Individual Protection Measures

Hygiene Measures: Wash Hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section IX – Physical and Chemical Properties

Physical State: Liquid

Color: White

Odor: Characteristic

Odor Threshold: Not Applicable

pH: Not Applicable

Melting Point: Not Available

Boiling Point: >363.2°F/184°C

Flash Point: Closed Cup: >199.9°F/93.3°C

Burning Time: Not Available

Burning Rate: Not Available

Evaporation Rate: Not Applicable

Flammability (solid, gas): Not Available

Lower and Upper Explosive (Flammable) Limits: Not Available

Vapor Pressure: Not Available

Vapor Density: Not Available

Relative Density: 1.97 to 2.2 (Water = 1)

Solubility: Not Applicable

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Partition Coefficient: n-Octanol/water : Not Available

Auto-Ignition temperature: Not Available

Decomposition Temperature: Not Available

Viscosity: Not Available.

Section X - Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability: Material is stable

Conditions to avoid: No specific data available.

Incompatibility (materials to avoid): Strong acids, alkalis and oxidizing agents

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

Section XI - Toxicological Information

Acute Toxicity: Not available

Irritation/Corrosion:

<u>Product/Ingredient Name</u>	<u>Result</u>	<u>Species</u>	<u>Score</u>	<u>Dose</u>	<u>Observation</u>
Titanium Dioxide	Skin - Mild Irritant	Human	-	72 Hours-300 µg Intermittent	-

Sensitization: Not available

Mutagenicity: Not available

Carcinogenicity: Not available

Conclusion/Summary: Titanium dioxide manufacturers have determined that the weight of evidence for the carcinogenicity of this substance does not meet the criteria for classification.

Exposure to respirable particles of this substance from the product as provided is not likely. Exposure to respirable dust is possible when cutting, grinding, or sanding a cured item.

Titanium dioxide as IARC Group 2B Possible carcinogen to humans is based on "sufficient evidence" in experimental animals and "inadequate evidence" in humans as respiratory tract exposure to very high concentrations of dust containing titanium dioxide.

Classification:

<u>Product/Ingredient Name</u>	<u>OSHA</u>	<u>IARC</u>	<u>NTP</u>
Titanium Dioxide	-	2B	-

Reproductive Toxicity: Not available

Teratogenicity: Not available

Specific Target Organ Toxicity (Single Exposure): Not available

Specific Target Organ Toxicity (Repeated Exposure): Not available

Aspiration Hazard: Not available

Likely Routes of Exposure: Dermal, Ingestion.

Potential Acute Health Effects:

Eye Contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics:

Eye Contact: No specific data.

Inhalation: No specific data.

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Skin Contact: No specific data.
Ingestion: No specific data.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposures:

Short Term Exposures:

Potential Immediate Effects: Not available.
Potential Delayed Effects: Not available.

Long Term Exposures:

Potential Immediate Effects: Not available.
Potential Delayed Effects: Not available.

Potential Chronic Health Effects: Not Available.

General: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental Effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Numerical Measures of Toxicity:

Acute Toxicity Estimates

<u>Route</u>	<u>ATE Value</u>
Oral	233841.8 mg/kg
Inhalation (dusts and mists)	94.04 mg/l

Section XII - Ecological Information

Toxicity: Not Available

Persistence and Degradability: Not Available

Bioaccumulative Potential:

<u>Product/Ingredient Name</u>	<u>LogPow</u>	<u>BCF</u>	<u>Potential</u>
Titanium Dioxide	-	352	low

Mobility in Soil:

Soil/water Partition Coefficient (Koc): Not available
Other Adverse Effects: No known significant effects or critical hazards.

Section XIII - Disposal Considerations

The information in this section contains generic advice and guidance. The list of identified uses in Section 1 should be consulted for any available use-specific information.

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Disposal of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid disposal. Attempt to use product completely in accordance with intended use. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is no feasible.

Special Precautions: This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.

Section XIV - Transportation Information

DOT (DEPARTMENT OF TRANSPORTATION): Not Regulated

Canada (TDG): Not Regulated

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International Air Transport Association (IATA): Not Regulated
International Maritime Organization (IMO): Not Regulated

Special Precautions for User: Transport within users premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the products know what to do in the event of an accident or spillage.

Section XV - Regulatory Information

United States Federal Regulations:

Sara Title III - Section 311/312

<u>Criteria</u>	<u>Yes/No</u>
Immediate (Acute) Health Effects:	No
Chronic (Delayed) Health Effects:	No
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactivity:	No

Sara Title III - Section 313:

State Regulations:

Massachusetts: The following components are listed: Titanium Dioxide.

New York: None of the components are listed.

New Jersey: The following components are listed: Titanium Dioxide.

Pennsylvania: The following components are listed: Titanium Dioxide.

California Prop. 65:

Warning: This product contains, or may contain, trace quantities of substance(s) known to the State of California to cause cancer and/or reproductive toxicity.

<u>Product/Ingredient Name</u>	<u>Cancer</u>	<u>Reproductive</u>	<u>No Significant Risk Level</u>	<u>Maximum Acceptable Dosage Level</u>
Titanium Dioxide	Yes	No	No	No

*Titanium dioxide must be airborne, unbound and of respirable size to be considered a Proposition 65 Chemical.
This product, in its current form, is not expected to be a significant source of exposure during normal use.*

Canada:

Canadian WHMIS Classification: Not applicable.

Ingredient Disclosure List: All components are listed or exempted.

Section XVI - Other Information

Hazardous Material Information System (United States):

Health	2
Flammability	1
Physical Hazards	0

Caution: HMIS® rating are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating are not required on SDSs under 29 CFR 19101200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

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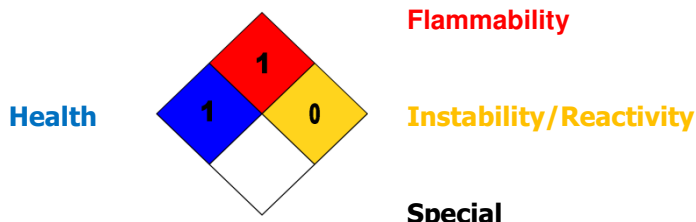
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National Fire Protection Association (United States):



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