

Synthetic Creation Systems

Material Safety Data Sheet

1. Chemical Product and Company Identification

Synthetic Creation Systems
3838 Guernsey Ave.
Stockton, California 95215

Telephone Number: (209) 948-0328
24-Hour Emergency Telephone
Number: (866) 719-5397

Product Name: Stone Strength Resin

HMIS Classification: H F R PP
 1 0 0 B

Prepared By: Boulder Image Loss Control
Preparation Date: April 05, 2002
Review Dates: April 05, 2002

2. Composition, Information on Ingredients

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV OTHER	mm HG @ TEMP	WT %
None	-	-	-	-	-

** No reportable quantities of hazardous ingredients are present **

** No toxic chemical(s) subject to reporting requirements of
Section 313 of Title III and of 40 CFR are present **

3. Physical / Chemical Characteristics

Boiling Point: 212 deg F
Vapor Density: Heavier than air
Coating V.O.C.: .14 lb/GL (17 G/L)
Appearance & Odor: Slight ammonia odor.

Specific Gravity (H2O=1): 1.1
Evaporation Rate: Slower than ether
Solubility In Water: Complete

4. Fire and Explosion Hazard Data

Flash Point: N/A

Method Used: N/A

Flammable Limits in Air by Volume - Lower: N/A

Upper: N/A

Extinguishing Media: Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.

Special Firefighting Procedures: Use self contained breathing apparatus. Cool containers with water fog to prevent pressure build up and explosion.

Unusual Fire and Explosion Hazards: None.

5. Reactivity Data

Stability: Stable

Conditions to avoid: N/A

Incompatibility (Materials to Avoid): N/A

Hazardous Decomposition or Byproducts: If by fire, carbon dioxide and carbon monoxide.

Hazardous Polymerization: Will not occur.

6. Health Hazard Data

Inhalation Risks and Symptoms of Exposure: Dizziness, nausea, weakness.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Redness, Tearing.

Skin Absorption Health Risks and Symptoms of Exposure: Redness, itching.

Ingestion Health Risks and Symptoms of Exposure: Nausea, vomiting. Very low order of toxicity.

Health Hazards (Acute and Chronic): **Acute:** May cause headache, nausea, dizziness. **Chronic:** May cause damage to nervous system, liver or kidneys.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? Yes
None of the ingredients in the product are IARC, OSHA, NTP listed as carcinogens.

Medical Conditions Generally Aggravated by Exposure: Dermatitis or lung disorders.

Emergency and First Aid Procedures: On body, wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse. In eyes, rinse with water until burning stops. If inhaled, remove victim to fresh air. Restore breathing if required. Keep calm and warm. In all cases, medical attention may be necessary.

7. Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled: Remove all sources of ignition. Ventilate and remove with inert absorbent.

Waste Disposal Method: This product may be classified as a hazardous waste by federal and local laws, for the purpose of disposal. Dispose of material in accordance with all local, state and federal regulations. If incinerated, do not burn in closed containers.

Precautions to be taken in Handling and Storage: Keep away from sources of ignition while in use and until vapors have been dissipated. Extinguish all flames, heaters and pilot lights. Turn off all electrical appliances. Do not smoke. Consult NFPA code. Use grounding procedures. Transfer only in appropriate containers. Do not take internally. Keep out of reach of children. Keep containers sealed.

Other Precautions: Store containers in a cool, dry place. Intentional concentration and inhalation of vapors may be harmful or fatal. When transporting material, avoid build up of vapors in vehicle as these vapors are hazardous and may impair driving ability.

8. Control Measures

Respiratory Protection: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted, NIOSH approved, organic vapor / particulate respirator.

Ventilation: If necessary, ventilate at floor level to avoid hazardous or explosive concentrations of vapors. Fans should be equipped with explosion proof motors. Positive air pressure is recommended.

Protective Gloves: Use only gloves designed to resist the solvents in SECTION II.

Eye Protection: Use protective eyewear with side shields.

Other Protective Clothing or Equipment: When spraying, rolling or brushing, protect person from exposure from drip, mist or splatter through use of complete body covering. A source of fresh water for flushing eyes or skin in case of splash or spill.

Work / Hygienic Practices: While using this product, good, clean work practices are expected. Wash contaminated clothes before reuse.

NOTE: The above information is based on current formulation and information available at this time. Since conditions of use are outside our control we make no warranties, expressed or implied, and assume no responsibility or liability in connection with any use of this information.