

MATERIAL SAFETY DATA SHEET

SL-55 NATURAL STONE ENHANCER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: SUMMITVILLE LABORATORIES, INC.
PO BOX 90
81 ARBOR ROAD
MINERVA, OH 44657

PROPER SHIPPING NAME:
Resin Solution

INFORMATION PHONE: 330-868-6463
EMERGENCY PHONE: 330-223-1511
PRODUCT NAME: SL-55 NATURAL STONE ENHANCER
PRODUCT NUMBER:
UPC NUMBER:

UN NUMBER: 1866
HAZARD CLASS: 3
PACKING: III

HMIS INFORMATION:
HEALTH: 2

PREPARED BY: Safety Manager

FLAMMABILITY: 2

DATE PREPARED: 5/25/10

REACTIVITY: 0

LAST REVISION: 4/10/00

PROTECTIVE: B

SYNONYMS:

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS # | % | OSHA PEL | ACGIH TLV |
|---|-------------|---|-----------------------------|---|
| Alkyd Resin | Proprietary | | | |
| STODDARD SOLVENT | 8052413 | | PEL = 500 ppm(2900mg/M3) | TLV = 100ppm(525 mg/M3) |
| 2,2-dimethyl-1-(methylethyl)-1,3-peopanediy1 bis(2-methylpropanoate) | 006846500 | | Not Established | Not Established |
| XYLENE | 1330207 | | PEL = 100 ppm(435mg/M3) | STEL = 150 ppm(651 mg/M3) TLV = 100ppm(434 mg/M3) |
| TRIMETHYLBENZENE | 25551137 | | N/A | TLV = 25ppm(123 mg/M3) |
| ETHYL BENZENE | 100414 | | PEL = 100 ppm(435mg/M3) | STEL = 125 ppm(543 mg/M3) TLV = 100ppm(434 mg/M3) |

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: WARNING! This product is flammable.

POTENTIAL HEALTH EFFECTS

- EYE CONTACT:** Direct contact with this material causes eye irritation. High vapor concentrations may be irritating as well.
- INHALATION:** Prolonged and concentrated exposure can be mildly irritating to the nose, throat, and respiratory tract. EXTREME exposure to concentrated vapor and/or highly heated vapors can cause temporary central nervous system disruption.
- INGESTION:** May cause irritation to mouth, throat, stomach, and digestive tract.
- SKIN CONTACT:** Prolonged exposure may cause severe irritation including dryness, redness, and burns.

SIGNS AND SYMPTOMS OF EXPOSURE:

Shortness of breathing, confused behavior, redness of skin, swelling of tissues, watery eyes, nausea.

4. FIRST AID MEASURES

EYE CONTACT: Move individual away from exposure. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. GET IMMEDIATE MEDICAL ATTENTION.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. GET IMMEDIATE MEDICAL ATTENTION. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Immediately flush area with plenty of water. Remove contaminated clothing. Wash skin with a mild soap as soon as possible. Contact a medical physician if irritation persists. Wash cloths before reuse.

AGGRAVATED MEDICAL CONDITIONS:

Dermatitis and sensitization can occur from repeated and prolonged contact.

SUPPLEMENTAL HEALTH INFORMATION:

This material may cause sensitization from repeated handling without the use of proper protective equipment. Sensitized individuals will have varied allergic reactions to this material or vapors from this material as a life-long, temporary allergic reaction once sensitized.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 105 F (41C)

FLASH POINT METHOD USED: Seta Closed Cup

AUTO IGNITION: 490-980 F

LEL: 1

UEL: 6.6

EXTINGUISHING MEDIA:

Dry chemical, foam, Co2.

SPECIAL FIRE FIGHTING PROCEDURES:

Evacuate all persons from the area to a safe location. Move non-burning material , as feasible , to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazard while extinguishing the blaze. Use water spray to cool fire exposed containers. DO NOT extinguish a fire resulting from the flow of this combustible liquid until the flow of liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

COMBUSTIBLE LIQUID. Vapors can form an explosive mixture with air. When driers such as cobalt naphthanate are added, air oxidation of the resin materials contaminated with the resin may cause it to spontaneously combust.

COMBUSTION PRODUCTS:

Mixtures of carbon monoxide, carbon monoxide, and other hydrocarbons may be emitted after all water has been driven off, and only dry materials remain, exposed to flame.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Ventilate area of leak or spill. Remove all sources of ignition. Clean-up personnel require protective clothing and respiratory protection from vapors. Only specially trained or qualified personnel should handle the emergency.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from heat, sparks, and flame.

OTHER PRECAUTIONS:

Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Wear a NIOSH/MSHA-approved (or equivalent) full face piece airline respirator in the positive pressure mode when certain circumstances where airborne concentrations are expected to exceed exposure limits.

VENTILATION:

Follow OSHA or other applicable exposure guidelines. Use respirator protection based upon anticipated or actual exposure monitoring results. Local exhaust may or may not be sufficient.

PROTECTIVE GLOVES:

Neoprene, nitrile, butyl, or PVC gloves and aprons recommended.

EYE PROTECTION:

Safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Where splashing is possible, wear protective apron

WORK / HYGIENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS:

Maintain air levels below established TLVs for this material. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EXPOSURE GUIDELINES:

See section 2 for ACGIH TLV and OSHA PEL Levels

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Brown, colorless liquid with pungent odor.

| | | | |
|---------------------------|---------------------------|--------------------------|---------------------|
| BOILING POINT: | 279-315 F | PERCENT VOLATILE: | 39 - 49 % by weight |
| VAPOR PRESSURE: | 2 - 9 mmHg at 68 F | PH: | N/A |
| EVAPORATION: | Slower than butyl acetate | MOLECULAR WEIGHT: | |
| POUNDS PER GALLON: | | VAPOR DENSITY: | Heavier Than Air |
| SPECIFIC GRAVITY: | 0.94 - 0.952 | OTHER PROPERTIES: | |
| MELTING POINT: | N/A | | |
| FREEZING POINT: | N/A | | |

10. STABILITY AND REACTIVITY

STABLE:

Stable

INCOMPATIBILITY:

Strong Oxidizing materials

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

Carbon dioxides, carbon monoxides, and other hydrocarbons may be released.

11. TOXICOLOGY INFORMATION

Material Contains Stoddard Solvent and slight amounts of Ethyl Benzene and Xylene. Ethyl Benzene can be classified as IARC Group 2B-

HAZARDOUS POLYMERIZATION: Will Not Occur

Possibly Carcinogenic to humans: ACGIH Group A3 Animal Carcinogen

12. ECOLOGICAL INFORMATION

Toxic to fish and other water organisms

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State, and Local regulations. Can be incinerated when in compliance with local regulations

14. TRANSPORTATION INFORMATION

DOT CLASS: Resin Solution

HAZARD CLASS: 3

UN NUMBER: 1866

PACKING: III

GUIDE NUMBER: 26

PROPER SHIPPING NAME: Resin Solution

15. REGULATORY INFORMATION

This product contains some trace materials subject to the reporting requirements of SARA Section 313, EPCRA and 40CFR 372. All of the materials of this product are either listed on the TSCA Inventory, or are not subject to the notification requirements. Trace amounts less than 0.00005% of the following materials MAY be contained in this product : benzene (71432), Toluene (108883), ethyl benzene (100414), Acetaldehyde (75070), Ethylene Oxide (75218), Formaldehyde (50000), Dioxane (123911). Glycol Ethers less than 0.0004% and 1,2,4 Trimethylbenzene (95636) at less than 0.00035% MAY be contained in this product.

16. OTHER INFORMATION

HMS INFORMATION: **HEALTH:** 2 **FLAMMABILITY:** 2 **REACTIVITY:** 0 **PROTECTIVE:** B

Disclaimer

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no Responsibility for injuries from the use of the product described herein.