

Material Safety Data Sheet

CR650 Sto Penetrating Sealer

Section I - Manufacturer's Information

Identity: **Sto Penetrating Sealer** Common Name/Synonym: **Siloxane-Based Clear Sealer**
Manufacturer's Name: **Sto Corp.** Information #: **(404) 346-3666** DOT Hazardous Class: **Class 3- Flammable Liquid**
Name: **6175 Riverside Drive, SW** Emergency #: **(800) 424-9300** CAS Number: **Not Registered**
Atlanta, GA 30331

Section II - Preparation Information

Prepared By: **Sto Corp. Research and Development Department** Date Prepared: **18-May-05**

Section III - Hazardous Ingredients

| Component - A Ingredient | Percent w/w | CAS Number | OSHA | TWA/TLV ACGIH | Other | LD50 | LC50 |
|-----------------------------|----------------|------------|------------------------|------------------------|-----------------------------|------|------|
| Ethyl Silicate | 10-30 | 78-10-4 | 850 mg/m ³ | 85 mg/m ³ | N/E mg/m ³ | N/E | N/E |
| Isooctyl trimethoxy silane | 30-60 | 34396-03-7 | N/E mg/m ³ | N/E mg/m ³ | N/E mg/m ³ | N/E | N/E |
| Polydimethylsiloxane | 10-30 | 67923-07-3 | N/E mg/m ³ | N/E mg/m ³ | N/E mg/m ³ | N/E | N/E |
| Acetic Acid | 5-10 | 64-19-7 | 10.0 mg/m ³ | 10.0 mg/m ³ | STEL 15.0 mg/m ³ | N/E | N/E |

Section IV - Physical/Chemical Characteristics

Component - A
Boiling Point: **N/A** Vapor Density [Air=1]: **N/A** Vapor Pressure: **N/A** pH Level: **5.0 - 6.0**
Melting Point: **N/A** Evaporation Rate [Ether=1]: **>1** Physical State: **liquid** Solubility in Water: **Completely miscible**
Freezing Point: **N/A** Specific Gravity: [H₂O=1]: **0.95 - 0.97** Odor Threshold: **N/A** Coefficient of Water/Oil Distribution: **N/A**
Appearance and Odor: **Yellowish liquid- slight odor**

Section V - Fire and Explosion Hazard Data

Component - A
Flammability: **Yes** Flash Point: **25 deg C/77 deg F** Autoignition Temperature: **310 deg C/590**
Limits LEL/UEL: **N/E - N/E** Sensitivity to impact: **None** Sensitivity to Static Discharge: **Yes**
Hazardous Decomposition Products: **Nitrous oxides, nitric gases, methanol, ethanol** Special Firefighting Procedures: **SCBA, full protective gear.**
Unusual Fire and Explosive Hazards: **Flammable liquid and vapor. Cool endangered containers with water.** Extinguishing Media: **Carbon dioxide, dry chemical, water-mist or alcohol-resistant foam-type extinguishing media**

Section VI - Reactivity Data

Component - A
Hazardous Decomposition Products: **methanol, ethanol,** Stability: **If stored and** Incompatibility (Materials to Avoid): **Water**
Hazardous Polymerization: **None** Conditions to Avoid: **None known**

Section VII - Health Hazard Data

Carcinogenicity: **No** NTP: **No** IARC: **No** OSHA Regulated: **No** LD50: **N/A** LC50: **N/A**
Effects and Hazards of Eye Contact: **Causes eye irritation. May cause permanent eye damage.**
Effects and Hazards of Inhalation (Breathing): **At prolonged inhalation at higher concentrations toxicological effects can't be excluded.**
Effects and Hazards of Skin Contact: **No toxic effects are expected.**
Effects and Hazards of Ingestion (Swallowing): **Not expected in industrial use.**

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Section VIII - Emergency and First Aid Procedures

- Treatment for Eye
Contact: **If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least fifteen minutes. If irritation continues, seek medical attention.**
- Treatment for Inhalation
(Breathing): **If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.**
- Treatment for Skin
Contact: **For skin contact, immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water. If skin irritation, reddening or a rash occurs, seek medical attention.**
- Treatment for Ingestion
(Swallowing): **For ingestion, if conscious, give no more than two glasses of water to induce vomiting. Vomiting can be induced by giving Syrup of Ipecac. Give fluids until the vomitus is clear. Get medical attention immediately. In case of contact with water material splits off (also in gastrointestinal tract) methanol in larger amounts; therefore consider poisoning on methanol and also observe known period of latency of several days.**

Section IX - Precautions for Safe Handling and Use

- Steps to be taken in case material is released or spilled (Dry Stage): **Scoop into proper receptacle and allow to harden.**
- Steps to be taken in case material is released or spilled (Wet Stage): **Absorb with a liquid binding material such as diatomaceous earth.**
- Waste Disposal
Method: **Per local, state and federal regulations.**
- Precautions To Be Taken In Handling and Storing: **Store in a cool, dry, well-ventilated location, out of direct sunlight. Avoid contact with water and acids.**
- Other Precautions: **This material is an industrial product designed to be used by professionals familiar with the requirements of this MSDS.**
- Respiratory Protection: **Respiratory protection is not required for normal use of this product. If material is ground upon or sanded when it is dry, NIOSH/MSHA approved respirators for dust should be provided and worn. All workers required to use respiratory protection should be trained in their proper selection, use and care.**
- Ventilation: **Recommended; local or mechanical when mixing, applying or sanding the product in the dry state.**
- Protective Gloves: **Recommended; plastic or rubber.**
- Eye Protection: **Recommended; chemical splash safety goggles.**
- Other Protective Equipment: **Recommended; splash bib and protective clothing.**
- Work and Hygienic Practices: **Remove and wash contaminated clothing. As with all commercial and industrial products, always wash hands before eating or smoking.**
- California Proposition 65: **This product does not contain any material considered a carcinogen by the State of California.**

The information and recommendations contained herein are, to the best of Sto Corp.'s knowledge and belief, accurate and reliable as of the date issued. Sto Corp. does not warrant or guarantee their accuracy or reliability, and Sto Corp. shall not be liable for any loss or damage arising out of their use thereof. The information and recommendations are offered for the users' consideration and examination, and it is the users' responsibility to satisfy itself that they are suitable and complete for its particular use.