

Material Safety Data Sheet

CR214 Sto Flexible Crack Filler

Section I - Manufacturer's Information

Identity: **Sto Flexible Crack Filler** Common Name/Synonym: **Waterbased Acrylic Crack Filler**
Manufacturer's Name: **Sto Corp.** Information #: **(404) 346-3666** DOT Hazardous Class: **Not Regulated**
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
Silicon Dioxide	10-30	14808-60-7	10/(%SiO ₂ +2) mg/m ³	0.10 mg/m ³	NIOSH 0.05 mg/m ³	N/E	N/E
Hydrous Magnesium Silicate	10-30	14807-96-6	2.0 mg/m ³	2.0 mg/m ³	N/E mg/m ³	N/E	N/E

Section IV - Physical/Chemical Characteristics

Component - A
Boiling Point: **N/A** Vapor Density [Air=1]: **N/E** Vapor Pressure: **N/E** pH Level: **7.5 - 10**
Melting Point: **N/A** Evaporation Rate [Ether=1]: **<1** Physical State: **liquid** Solubility in Water: **Miscible**
Freezing Point: **0 deg C/32 deg F** Specific Gravity: [H₂O=1]: **>1.0** Odor Threshold: **N/E** Coefficient of Water/Oil Distribution: **N/E**
Appearance and Odor: **Viscous Liquid - Slight Odor**

Section V - Fire and Explosion Hazard Data

Component - A
Flammability: **N/A** Flash Point: **N/A** Autoignition Temperature: **N/A**
Limits LEL/UEL: **N/E - N/E** Sensitivity to impact: **None** Sensitivity to Static Discharge: **None**
Hazardous Decomposition Products: **C0x, Smoke, Hydrocarbons** Special Firefighting Procedures: **SCBA, full protective gear**
Unusual Fire and Explosive Hazards: **Material may spatter above 100 deg C/212 deg F** Extinguishing Media: **Water spray, foam, dry chemical**

Section VI - Reactivity Data

Component - A
Hazardous Decomposition Products: **None** Stability: **Stable** Incompatibility (Materials to Avoid): **None**
Hazardous Polymerization: **None** Conditions to Avoid: **None**

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: **Direct contact with the material may cause irritation.**
Effects and Hazards of Inhalation (Breathing): **Product is waterbased. For normal application, inhalation is not expected to be a primary route of exposure. Consult Section IX - Precautions for Safe Handling and Use for further details.**
Effects and Hazards of Skin Contact: **Contact with the skin may cause reddening or a slight rash in individuals with sensitive skin.**
Effects and Hazards of Ingestion (Swallowing): **May cause some stomach distress.**

Section VIII - Emergency and First Aid Procedures

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- Treatment for Eye
Contact: **As with any foreign material in the eyes, they should be flushed for fifteen minutes with running water while holding the eyes open. This will assist in flushing material from the eye. If irritation continues, seek medical attention.**
- Treatment for Inhalation
(Breathing): **If respiratory irritation occurs, go to fresh air. Flood work area with fresh air and if irritation continues, seek medical attention.**
- Treatment for Skin
Contact: **Wash with mild soap and water. Hand creams should be used to prevent dry skin. If skin irritation, reddening or a rash occurs, seek medical attention.**
- Treatment for Ingestion
(Swallowing): **Contact medical help immediately; untrained first aid personnel should not attempt to administer first aid.**

Section IX - Precautions for Safe Handling and Use

- Steps to be taken in case material is released or spilled (Dry Stage): **Sweep and dispose of in proper receptacle.**
- Steps to be taken in case material is released or spilled (Wet Stage): **Scoop into proper receptacle and allow to harden.**
- Waste Disposal
Method: **Per local, state and federal regulations.**
- Precautions To Be Taken In Handling and Storing: **Store in a cool dry location, out of direct sunlight. Protect from freezing.**
- 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. Product contains silica (quartz) sand, which has been designated by IARC as group 1 - human carcinogen. Prolonged exposure to respirable silica (quartz) dust may cause delayed (chronic) lung injury such as silicosis. 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 contains crystalline silica (quartz sand), which is considered a carcinogen by the State of California.**

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