



# Material Safety Data Sheet

## 80267 Sto Guard Mesh (4.25" Wide)

### Section I - Manufacturer's Information

Identity: **Sto Guard Mesh (4.25" Wide)** Common Name/Synonym: **Polymer Coated Glass Fiber Mesh**

Manufacturer's Name: **Sto Corp. 6175 Riverside Drive, SW Atlanta, GA 30331** Information #: **(404) 346-3666** DOT Hazardous Class: **Not Regulated**

Emergency #: **(800) 424-9300** CAS Number: **Not Registered**

### Section II - Preparation Information

Prepared By: **Sto Corp. Research and Development Department** Date Prepared: **12-Aug-09**

### Section III - Hazardous Ingredients

| Component - A<br>Ingredient | Percent<br>w/w | CAS Number | TWA/TLV                                |  |   | LD50 | LC50 |
|-----------------------------|----------------|------------|--|--|---|------|------|
|                             |                |            | OSHA                                   | ACGIH                                  | Other                                       |      |      |
| Glass Oxides                | 60-100         | 65997-17-3 | 15 mg/m <sup>3</sup> mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> mg/m <sup>3</sup> | NIOSH 5 mg/m <sup>3</sup> mg/m <sup>3</sup> | 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: **N/A**

Melting Point: **N/A** Evaporation Rate [Ether=1]: **N/A** Physical State: **Solid** Solubility in Water: **N/A**

Freezing Point: **N/A** Specific Gravity: [H<sub>2</sub>O=1]: **2.5** Odor Threshold: **N/A**

Appearance and Odor: **Woven Fiberglass Fabric - No Significant Odor** Coefficient of Water/Oil Distribution: **N/A**

### Section V - Fire and Explosion Hazard Data

**Component - A**

Flammability: **N/A** Flash Point: **N/A** Autoignition Temperature: **Not known**

Limits LEL/UEL: **N/A - N/A** Sensitivity to impact: **None** Sensitivity to Static Discharge: **Material can build a static charge**

Hazardous Decomposition Products: **CO, CO<sub>2</sub>, H<sub>2</sub>O, N<sub>x</sub>O, HBr, Br<sub>2</sub>** Special Firefighting Procedures: **SCBA, full protective gear**

Unusual Fire and Explosive Hazards: **None known** Extinguishing Media: **Water spray, foam, dry chemical**

### Section VI - Reactivity Data

**Component - A**

Hazardous Decomposition Products: **CO, CO<sub>2</sub>, H<sub>2</sub>O, N<sub>x</sub>O, HBr, Br<sub>2</sub>** Stability: **Stable** Incompatibility (Materials to Avoid): **None known**

Hazardous Polymerization: **Will not occur** 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: **Glass fibers can cause eye irritation or damage.**

Effects and Hazards of Inhalation (Breathing): **Glass fibers may cause mechanical irritation to the mouth, nose and throat.**

Effects and Hazards of Skin Contact: **Glass fibers may cause mild irritation and itching.**

Effects and Hazards of Ingestion (Swallowing): **Temporary mechanical irritation of the digestive tract. Observe individual. If symptoms develop, consult a physician.**

HMIS RATINGS Health: **1** Flammability: **0** Reactivity: **0** PPE: **J**



# Material Safety Data Sheet

80267 Sto Guard Mesh (4.25" Wide)

## Section VIII - Emergency and First Aid Procedures

- Treatment for Eye  
Contact: **Flush with warm running water for 15 minutes. Do not rub. If irritation persists, consult a physician.**
- Treatment for Inhalation  
(Breathing): **Remove to fresh air.**
- Treatment for Skin  
Contact: **Wash with mild soap and running water. Use a wash cloth to help remove fibers, avoid scratching. If irritation persists, consult a physician.**
- 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.**
- 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.**
- Other Precautions: **This material is an industrial product designed to be used by professionals familiar with the requirements of this material safety data sheet.**
- Respiratory Protection: **Respiratory protection is not required for normal use of this product. If material is cut, ground upon, or sanded, 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 cutting the product.**
- Protective Gloves: **Recommended; plastic or rubber.**
- Eye Protection: **Recommended; chemical splash safety goggles.**
- Other Protective Equipment: **Recommended; 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.