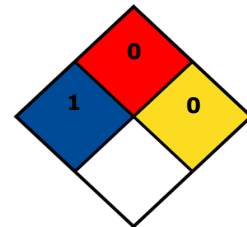


# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Name:** Sto Armor Mat  
**Product Code:** 80921  
**SDS Manufacturer Number:** 80921  
**Product Use/Restriction:** Coated Glass Fiber Mesh  
**Manufacturer Name:** Sto Corp.  
**Address:** 6175 Riverside Drive, SW  
 Atlanta, Georgia 30331  
**General Phone Number:** (404) 346-3666  
**Emergency Phone Number:** (800) 424-9300  
**SDS Creation Date:** May 27, 2014  
**SDS Revision Date:** May 27, 2014  
**(M)SDS Format:**

**NFPA**



**HMIS**

<b>Health Hazard</b>	<b>1</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>X</b>

## SECTION 2 - HAZARD(S) IDENTIFICATION

GHS Pictograms:



**GHS Class:** WARNING!

**Hazard Statements:** Causes eye irritation  
Causes skin irritation

**Precautionary Statements:** Wash hands thoroughly after handling. Wear protective gloves/ protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Emergency Overview:** WARNING! Irritant.

**Route of Exposure:** Eyes, Skin, Inhalation, Ingestion

**Eye:** May cause eye irritation when dust is generated or through direct contact.

**Skin:** Prolonged contact may cause mild irritation and itching.

**Inhalation:** Mechanical irritation of respiratory tract may occur if dust is inhaled.

**Ingestion:** Ingestion may cause temporary irritation of the digestive tract. If symptoms develop consult a physician.

**Target Organs:** Eyes. Skin. Respiratory system. Digestive system.

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	LD 50 LC 50	ACGIH TLV	OSHA PEL	NIOSH REL
Fiber textile, continuous filament glass fiber	65997-17-3		N/A	10mg/m <sup>3</sup> total dust 5mg/m <sup>3</sup> respirable dust	15mg/m <sup>3</sup> total dust 5mg/m <sup>3</sup> respirable dust	5mg/m <sup>3</sup> total dust

### SECTION 4 - FIRST AID MEASURES

**Eye Contact:** Flush with warm running water for 15 min. Do not rub. If irritation persists, consult a physician.

**Skin Contact:** Wash with mild soap and running water. Use a washcloth to help remove fibers. If irritation persists, consult a physician.

**Inhalation:** Glass fibers may cause mechanical irritation to the mouth, nose and throat. Remove the person to fresh air.

**Ingestion:** Unlikely entry route. If symptoms develop consult a physician.

**Other First Aid:** No special instructions

### SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point:** N/A

**Auto Ignition Temperature:** N/A

**Lower Flammable/Explosive Limit:** N/A

**Upper Flammable/Explosive Limit:** N/A

**Fire Fighting Instructions:** Thermal decomposition of fabric coating may cause irritating smoke and fumes. See Section 10 special decomposition products

**Extinguishing Media:** Water, water spray, foam, carbon dioxide, dry chemical

**Protective Equipment:** As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA Ratings:**

NFPA Health: 1

NFPA Flammability: 0

NFPA Reactivity: 0

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**Spill or Leak:** Fibers should be cleaned up by vacuum or by a wet sweeping technique. Do not use compressed air. HEPA filter recommended.

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## SECTION 7 - HANDLING and STORAGE

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**Handling:** Wear appropriate PPE.

**Storage:** Store in a dry place away from direct sunlight.

**Work Practices:** Handle in accordance with good industrial hygiene and safety practices.

**Hygiene Practices:** Wash thoroughly after handling.

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## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

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**Engineering Controls:** Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the procedures for selection, training, inspection and maintenance of the personal protective equipment.

**Eye/Face Protection:** Wear safety glasses, to minimize eye contact during cutting operations. Recommended; chemical splash safety goggles

**Skin Protection Description:** Wear protective cotton gloves and clothing to protect against nuisance dusts.

**Hand Protection Description:** Nitrile rubber or natural rubber gloves are recommended.

**Respiratory Protection:** Where dust levels exceed the TLV, use a NIOSH approved respirator and PPE against nuisance dusts. Respiratory protection is not required for normal use of this product. If material is cut, ground upon, or sanded, NIOSH/MSH approved respirators for dust should be provided and worn.

**Ventilation:** Mechanical ventilation recommended for process machinery where dust generation is expected. Recommended; local or mechanical when cutting the product.

**PPE Pictograms:**



**Exposure Guidelines** Avoid generating dusts and if PEL is exceeded use PPE, barrier creams and suitable clothing to avoid nuisance dusts.

**SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES**

<b>Appearance:</b>	Woven Glass Fabric	<b>Physical State:</b>	Solid
<b>Boiling Point:</b>	N/A	<b>Solubility in Water:</b>	Insoluble
<b>Evaporation Rate:</b>	N/A	<b>Specific Gravity:</b>	2.5
<b>Freezing Point:</b>	N/A	<b>Vapor Density:</b>	N/A
<b>Melting Point:</b>	N/A	<b>Vapor Pressure:</b>	N/A
<b>Molecular Weight:</b>	N/A	<b>Viscosity:</b>	N/A
<b>Odor:</b>	N/A	<b>% Volatile:</b>	Non-volatile
<b>pH:</b>	N/A	<b>Static Charge</b>	Can Build Static Charge

**SECTION 10 - STABILITY and REACTIVITY**

**Chemical Stability:** Stable under recommended handling and storage conditions.

**Hazardous Polymerization:** Hazardous polymerization does not occur.

Incompatible Materials: Strong Oxidizers  
Special Decomposition Products: CO, CO<sub>2</sub>, oxides of Nitrogen, SO<sub>2</sub>

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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Eye: No known effects  
Skin: May aggravate pre-existing conditions.  
Ingestion: No known effects  
Inhalation: May aggravate pre-existing conditions.  
Sub chronic: No known effects  
Sensitization: No known effects  
Teratology: No known effects  
Reproduction: No known effects  
Mutagenicity: No known effects  
Chronic / Carcinogenicity: IARC has classified Continuous Filament Fiberglass as Group 3, Not Classifiable as to Human Carcinogenicity. 9th Report on Carcinogens, NPT, 2001.

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## SECTION 12 - ECOLOGICAL INFORMATION

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Ecotoxicity: This product is not associated with or expected to cause any harm to fish, plants or animals.  
Environmental Fate: No environmental information found for this product.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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Waste Disposal: Dispose of in accordance with Local, State, Federal and Provincial regulations.

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## SECTION 14 - TRANSPORT INFORMATION

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DOT Shipping Name: Not regulated.      Product Label: N/A  
Technical Shipping Name: N/A      Freight Class Package: N/A

D.O.T. Hazard Class:	Not regulated.	D.O.T. Label	N/A
U.N / N.A. Number:	N/A	Freight Class Bulk:	N/A
Product RQ (lbs)	N/A	D.O.T. Placard	N/A

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## SECTION 15 - REGULATORY INFORMATION

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WHMIS Class:	Not Regulated- Manufactured Article
OSHA Status:	This product is not deemed hazardous as defined by OSHA 29CFR part 1910.1200.
TSCA Status:	This product is manufactured in compliance with TSCA, 15 USC
CERCLA Reportable Quantity:	Not Applicable to this product
SARA Title III:	This product does contain any substance(s) subject to the reporting requirements of section 313 Title III of the SARA 40 CFR, Part 372
Section 302 Extremely Hazardous Substances:	Antimony trioxide, CAS 1309-64-4
Section 311/312 Hazardous Categories	Antimony trioxide, Group 2B, possible carcinogen, IARC
Section 313 Toxic Chemicals:	Not Applicable
RCRA Status:	Landfill is recommended 40 CFR, Part 261
Canadian Controlled Product Regulations:	"This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR"
California Proposition 65:	This product contains ingredients subject to California Proposition 65.

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## SECTION 16 - ADDITIONAL INFORMATION

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HMIS Health Hazard:	1
HMIS Fire Hazard:	0
HMIS Reactivity:	0
HMIS Personal Protection:	X
SDS Creation Date:	February 5, 2015
SDS Revision Date:	February 5, 2015
Disclaimer:	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.