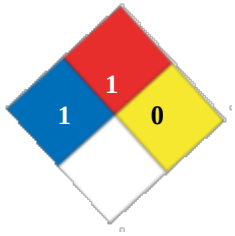
SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Name:	**Sto Gold Coat TA**
Product Code:	81398
SDS Manufacturer Number:	81398
Product Use/Restriction:	Waterbased Latex Coating.
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:	July 08, 2013
SDS Revision Date:	July 08, 2013
(M)SDS Format:	

NFPA



HMIS

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	X

SECTION 2 - HAZARD(S) IDENTIFICATION

GHS Pictograms:

GHS Class:	Eye Irritant, Category 2 Skin Irritant, Category 2
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.
Potential Health Effects:	

Eye:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion:	Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
1,2-Propanediol	57-55-6	1 - 5 by weight	
Aluminum Silicate	1302-76-7	1 - 5 by weight	
Crystaline silica (Quartz)	14808-60-7	30 - 60 by weight	
Naphtha	64742-88-7	1 - 5 by weight	
Titanium Oxide	13463-67-7	1 - 5 by weight	
Water based dispersion of butadiene styrene copolymer	No Data	30 - 60 by weight	

SECTION 4 - FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact:	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid:	First Responders should provide for their own safety prior to rendering assistance.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:	Not determined.
Auto Ignition Temperature:	Not determined.
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit:	Not determined.

Fire Fighting Instructions:	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
Extinguishing Media:	Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards:	Material may spatter above 100 °C/212 °F

NFPA Ratings:

NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Methods for containment:	Contain spills with an inert absorbent material such as soil, sand or oil dry.
Methods for cleanup:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Store away from direct heat or sunlight, sources of UV radiation, peroxides, or free radicals. Do not store in temperatures above 120 °F or below 48 °F. Keep away from direct sunlight.
Work Practices:	Handle in accordance with good industrial hygiene and safety practices.
Hygiene Practices:	Wash thoroughly after handling.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

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 personal protective equipment.

Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Skin Protection Description:	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
Hand Protection Description:	Nitrile rubber or natural rubber gloves are recommended.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.
PPE Pictograms:	

EXPOSURE GUIDELINES

Crystaline silica (Quartz) :

Guideline ACGIH: TLV-TWA: 0.025 mg/m3 Respirable fraction (R)

Titanium Oxide :

Guideline ACGIH: TLV-TWA: 10 mg/m3

Notes : Only established PEL and TLV values for the ingredients are listed.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid.
Odor:	Slight
Boiling Point:	Not determined.
Melting Point:	0ºC (32ºF)
Specific Gravity:	> 1
Solubility:	Miscible in water
Vapor Density:	Not determined.
Vapor Pressure:	Not determined.
Percent Volatile:	Data not available.
Evaporation Rate:	Not determined.
pH:	7.5 - 10
Flash Point:	Not determined.
Auto Ignition Temperature:	Not determined.

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable under recommended handling and storage conditions.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to Avoid:	Heat, flames, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 32 deg. F.
Incompatible Materials:	Water reactive materials.
Special Decomposition Products:	Thermal decomposition can lead to release irritant fumes and toxic gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

1,2-Propanediol :

RTECS Number:	TY2000000
Eye:	Administration into the eye - Rabbit Standard Draize test : 100 mg [Mild] Administration into the eye - Rabbit Standard Draize test : 500 mg/24H [Mild] (RTECS)
Skin:	Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : 20800 mg/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : 20800 mg/kg [Behavioral - Ataxia Behavioral - Tetany Lungs, Thorax, or Respiration - Respiratory depression] (RTECS)
Inhalation:	Inhalation - Rat TCLo - Lowest published toxic concentration : 2180 mg/m3/6H/90D (Intermittent) [Behavioral - Food intake (animal) Endocrine - Changes in spleen weight Biochemical - Enzyme inhibition, induction, or change in blood or tissue levels - Dehydrogenases] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill : 20 gm/kg [Details of toxic effects not reported other than lethal dose value] Oral - Mouse LD50 - Lethal dose, 50 percent kill : 22 gm/kg [Details of toxic effects not reported other than lethal dose value] Oral - Rabbit LD50 - Lethal dose, 50 percent kill : 18500 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Mouse LD50 - Lethal dose, 50 percent kill : 20300 mg/kg [Behavioral - Ataxia Behavioral - Tetany Lungs, Thorax, or Respiration - Respiratory depression] (RTECS)

Crystaline silica (Quartz) :

RTECS Number:	VV7330000
Inhalation:	Inhalation - Rat TCLo - Lowest published toxic concentration : 248 mg/m3/6H [Lungs, Thorax, or Respiration - Other changes Biochemical - Metabolism (intermediary) - Other proteins Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation] Inhalation - Rat TCLo - Lowest published toxic concentration : 248 mg/m3/6H [Lungs, Thorax, or Respiration - Changes in lung weight Immunological Including Allergic - Increase in cellular immune response Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation] Inhalation - Rat TCLo - Lowest published toxic concentration : 200 mg/kg [Lungs, Thorax, or Respiration - Fibrosis, focal (pneumoconiosis) Lungs, Thorax, or Respiration - Other changes Nutritional and Gross Metabolic - Changes in iron] Inhalation - Mouse TCLo - Lowest published toxic concentration : 40 mg/kg [Lungs, Thorax, or Respiration - Other changes] Inhalation - Mouse TCLo - Lowest published toxic concentration : 40 mg/kg [Immunological Including Allergic - Decrease in cellular immune response] Inhalation - Rat TCLo - Lowest published toxic concentration : 1 mg/kg (RTECS)

Ingestion:	Oral - Rat TDLo - Lowest published toxic dose : 120 gm/kg [Gastrointestinal - Hypermotility, diarrhea Gastrointestinal - Other changes] (RTECS)

Naphtha :

RTECS Number:	WJ8930000
Inhalation:	Inhalation - Rat TCLo - Lowest published toxic concentration : 1100 mg/m3/6H/16D (Intermittent) [Kidney/Ureter/Bladder - Other changes Kidney/Ureter/Bladder - Kidney tumors] Inhalation - Mouse TCLo - Lowest published toxic concentration : 550 mg/m3/6H/16D (Intermittent) [Nutritional and Gross Metabolic - Weight loss or decreased weight gain] (RTECS)

Titanium Oxide :

RTECS Number:	XR2275000
Inhalation:	Inhalation - Rat TCLo - Lowest published toxic concentration : 1 mg/kg [Lungs, Thorax, or Respiration - Other changes Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation] (RTECS)
Ingestion:	Oral - Rat TDLo - Lowest published toxic dose : 60 gm/kg [Gastrointestinal - Hypermotility, diarrhea Gastrointestinal - Other changes] (RTECS)

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	No environmental information found for this product.
Environmental Fate:	No environmental information found for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name:	Non regulated.
DOT Hazard Class:	Non regulated.
IATA Shipping Name:	Non regulated.
IMDG UN NUmber :	Non regulated.

SECTION 15 - REGULATORY INFORMATION

SARA:	This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).
California PROP 65:	The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains a chemical known to the State of California to cause cancer.
Canada WHMIS:	Xi - Irritant
EU Class:	Irritant. In accordance to Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures
Risk Phrases:	R36/37/38 - Irritating to eyes, respiratory system and skin.
Safety Phrase:	S23 - Do not breathe gas/fumes/vapour/spray. S37 - Wear suitable gloves.

1,2-Propanediol :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Aluminum Silicate :

Canada DSL:	Listed

Crystaline silica (Quartz) :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Naphtha :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Titanium Oxide :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

SECTION 16 - ADDITIONAL INFORMATION

HMIS Health Hazard:	1
HMIS Fire Hazard:	1
HMIS Reactivity:	0
HMIS Personal Protection:	X
SDS Creation Date:	July 05, 2017
SDS Revision Date:	July 05, 2017
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.

SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name:	**StoGuard Mesh (4.5" Wide)**
Product Code:	80267
SDS Manufacturer Number:	80267

Other means of identification:

Synonyms:	None.

Recommended use of the chemical and restrictions on use:

Product Use/Restriction:	Woven Coated Fiberglass Mesh

Chemical manufacturer address and telephone number:

Manufacturer Name:	Sto Corp.
Address:	6175 Riverside Drive, SW Atlanta, Georgia 30331
General Phone Number:	(404) 346-3666

Emergency phone number:

Emergency Phone Number:	(800) 424-9300

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Pictograms:

Signal Word:	WARNING.
GHS Class:	Eye Irritation. Category 2. Skin Irritation. Category 2.
Hazard Statements:	Causes serious eye irritation. Causes skin irritation.
Precautionary Statements:	Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see ... on this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Hazards not otherwise classified that have been identified during the classification process:

Route of Exposure:	Eye contact Skin contact Inhalation
Eye:	Eye contact with dust and fibers may cause short term mechanical irritation.
Skin:	Skin contact with dust and fibers may cause itching and short term irritation.
Inhalation:	Inhaling dust or fibers may cause short-term irritation of the mouth, nose and upper airways and of the intestines.
Ingestion:	Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract.
Chronic Health Effects:	There is no known chronic health effect connected with long-term use or contact with this product.
Carcinogenicity:	This product contains a component which is listed by IARC, OSHA or NTP.
Potential Environmental Effects:	There is no known ecological information for this material.
Aggravation of Pre-Existing Conditions:	Chronic respiratory or skin conditions may temporarily worsen from exposure to this product.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Glass oxide (Continuous filaments)	65997-17-3	60 - 100 %	266-046-0
Antimony trioxide	1309-64-4	<1 by weight	215-175-0

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: Move to fresh air.
If symptoms persist, call a physician.

Ingestion: Accidental ingestion of this material is unlikely.
If this does occur, watch person for several days to make sure intestinal blockage does not occur.
Rinse mouth with water and drink water to remove fibers from the throat.
If symptoms persist, call a physician.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: dry chemical
foam.
carbon dioxide (CO2).
water fog

Specific hazards arising from the chemical:

Hazardous Combustion Byproducts: Carbon monoxide.
Carbon dioxide.
hydrogen.
Other undetermined compounds could be released in small quantities.

Special protective equipment and precautions for fire-fighters:

Protective Equipment: Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.

NFPA Ratings:

NFPA Health:	1
NFPA Flammability:	0
NFPA Reactivity:	0

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions: Avoid contact with skin and eyes.

Environmental precautions:

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up:

Methods for containment: This material will settle out of the air.
Prevent from spreading by covering, diking or other means.

Methods for cleanup: Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination.
Avoid dry sweeping.
Pick up and transfer to properly labeled containers.

Reference to other sections:

Other Precautions: Does not apply.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling:	Avoid dust formation. Do not breathe dust. Wear personal protective equipment.
Hygiene Practices:	Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

Conditions for safe storage, including any incompatibilities:

Storage:	Keep product in its packaging until use to minimize potential dust generation. Product should be kept dry and undercover.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Glass oxide (Continuous filaments) :

Guideline ACGIH:	TLV-TWA: 1 f/cc (Respirable) 5 mg/m3 (Inhalable)
Guideline OSHA:	PEL-TWA: 1 f/cc (Respirable)

Antimony trioxide :

Guideline ACGIH:	TLV-TWA: 0.5 mg/m3
Guideline OSHA:	PEL-TWA: 0.5 mg/m3

Appropriate engineering controls:

Engineering Controls:	Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits. Dust collection system must be used in transferring operations, cutting or machining or other dust generating processes, such as using power tools. Vacuum or wet clean-up methods should be used.

Individual protection measures:

Eye/Face Protection:	Safety glasses with side-shields.
Skin Protection Description:	Protective gloves. Long sleeved shirt and long pants.
Respiratory Protection:	When workers are facing airborne particulate/dust concentrations above the exposure limit they must use appropriate certified respirators. A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended. Consult with your company's local procedures for selection, training, inspection and maintenance of respirators. Otherwise, consult the NIOSH web site (http://www.cdc.gov/niosh/npptl/topics/respirators/disp_part) for a list of dust respirator types and approved suppliers.
General Hygiene Considerations:	Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.
PPE Pictograms:	

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State Appearance:	Fiberglass mat.
Color:	Black.
Odor:	Faint chemical odor.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Specific Gravity:	Not determined.
Solubility:	Insoluble. in water.
Vapor Density:	Not determined.
Vapor Pressure:	Not determined.
Evaporation Rate:	Not determined.
pH:	Not determined.
Viscosity:	Not determined.
Flash Point:	None.
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit:	Not determined.
Auto Ignition Temperature:	Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:

Chemical Stability:	Stable under normal conditions.

Possibility of hazardous reactions:

Hazardous Polymerization:	Hazardous polymerization does not occur.

Conditions To Avoid:

Conditions to Avoid:	None expected

Incompatible Materials:

Incompatible Materials:	No materials to be especially mentioned.

Hazardous Decomposition Products:

Special Decomposition Products:	See Section 5 of MSDS for hazardous decomposition products during a fire.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity:	Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures may cause difficulty breathing, congestion, and chest tightness.
Acute Effects:	Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures may cause difficulty breathing, congestion, and chest tightness.
Sensitization:	No information available.
Mutagenicity:	No information available.
Reproductive Toxicity:	No information available.
Teratogenicity:	No information available.
Neurological Effects:	No information available.

Antimony trioxide :

RTECS Number:	CC5650000
Eye:	Administration into the eye - Rabbit Standard Draize test : 100 mg [Mild] (RTECS)
Skin:	Administration onto the skin - Rabbit LDLo - Lowest published lethal dose : 2 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rabbit TCLo - Lowest published toxic concentration : 90 mg/m3/56W (Intermittent) [Lungs, Thorax, or Respiration - Fibrosing alveolitis] Inhalation - Rat TDLo - Lowest published toxic dose : 4.2 mg/m3/1Y (Intermittent) [Lungs, Thorax, or Respiration - Fibrosing alveolitis] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill : >34600 mg/kg [Behavioral - Somnolence (general depressed activity) Skin and Appendages - Hair] Oral - Rat LD50 - Lethal dose, 50 percent kill : >34 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity:	This material is not expected to cause harm to animals, plants or fish.

Persistence and degradability:

Biodegradation:	Not available.

Bioaccumulative potential:

Bioaccumulation:	Not available.

Mobility in soil:

Mobility In Environmental Media:	Not available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal:	Dispose of in accordance with Local, State, Federal and Provincial regulations.
Contaminated Packaging:	Empty containers should be taken for local recycling, recovery or waste disposal.
RCRA Number:	No EPA Waste Numbers are applicable for this product's components.
RCRA Characteristics:	This material is not expected to be a characteristic hazardous waste under RCRA.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name:	Non regulated.
DOT Hazard Class:	Non regulated.
IATA Shipping Name:	Non regulated.
IMDG UN Number :	Non regulated.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

Section 311/312 Hazard Categories:	Acute Health Hazard:	Yes
	Chronic Health Hazard:	No
	Risk of ignition.:	No
	Sudden Release of Pressure Hazard.:	No
	Reactive Hazard:	No
Clean Air Act:	This product does not contain any Hazardous Air Pollutants (HAPs).	
Canada WHMIS:	Not controlled.	
EU Class:	This product is not hazardous according to European Directive 67/548/EEC and 99/45/EC and their latest amendments.	
Risk Phrases:	Does not apply.	
Safety Phrase:	Does not apply.	

Glass oxide (Continuous filaments) :

TSCA Inventory Status:	Listed
EINECS Number:	266-046-0
Japan ENCS:	Not listed
New Jersey:	No Data
Pennsylvania:	No Data
Canada DSL:	Listed
EC Number:	266-046-0
South Korea KECL:	KE-17630
China:	Listed
Australia AICS:	Listed
Philippines PICCS:	Listed

Antimony trioxide :

TSCA Inventory Status:	Listed
Section 313:	EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.
California PROP 65:	Listed: cancer.
Canada DSL:	Listed
EC Number:	215-175-0

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard:	1
HMIS Fire Hazard:	0
HMIS Reactivity:	0
HMIS Personal Protection:	X

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	X

SDS Creation Date:	July 07, 2014
SDS Revision Date:	October 26, 2016
SDS Revision Notes:	Format Update
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.

SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name:	**StoGuard Mesh (9" Wide)**
Product Code:	80268
SDS Manufacturer Number:	80268

Other means of identification:

Synonyms:	None.

Recommended use of the chemical and restrictions on use:

Product Use/Restriction:	Woven Coated Fiberglass Mesh

Chemical manufacturer address and telephone number:

Manufacturer Name:	Sto Corp.
Address:	6175 Riverside Drive, SW Atlanta, Georgia 30331
General Phone Number:	(404) 346-3666

Emergency phone number:

Emergency Phone Number:	(800) 424-9300

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Pictograms:

Signal Word:	WARNING.
GHS Class:	Eye Irritation. Category 2. Skin Irritation. Category 2.
Hazard Statements:	Causes serious eye irritation. Causes skin irritation.
Precautionary Statements:	Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see ... on this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Hazards not otherwise classified that have been identified during the classification process:

Route of Exposure:	Eye contact Skin contact Inhalation
Eye:	Eye contact with dust and fibers may cause short term mechanical irritation.
Skin:	Skin contact with dust and fibers may cause itching and short term irritation.
Inhalation:	Inhaling dust or fibers may cause short-term irritation of the mouth, nose and upper airways and of the intestines.
Ingestion:	Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract.
Chronic Health Effects:	There is no known chronic health effect connected with long-term use or contact with this product.
Carcinogenicity:	This product contains a component which is listed by IARC, OSHA or NTP.
Potential Environmental Effects:	There is no known ecological information for this material.
Aggravation of Pre-Existing Conditions:	Chronic respiratory or skin conditions may temporarily worsen from exposure to this product.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Glass oxide (Continuous filaments)	65997-17-3	60 - 100 %	266-046-0
Antimony trioxide	1309-64-4	<1 by weight	215-175-0

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: Move to fresh air.
If symptoms persist, call a physician.

Ingestion: Accidental ingestion of this material is unlikely.
If this does occur, watch person for several days to make sure intestinal blockage does not occur.
Rinse mouth with water and drink water to remove fibers from the throat.
If symptoms persist, call a physician.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: dry chemical
foam.
carbon dioxide (CO2).
water fog

Specific hazards arising from the chemical:

Hazardous Combustion Byproducts: Carbon monoxide.
Carbon dioxide.
hydrogen.
Other undetermined compounds could be released in small quantities.

Special protective equipment and precautions for fire-fighters:

Protective Equipment: Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.

NFPA Ratings:

NFPA Health:	1
NFPA Flammability:	0
NFPA Reactivity:	0

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions: Avoid contact with skin and eyes.

Environmental precautions:

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up:

Methods for containment: This material will settle out of the air.
Prevent from spreading by covering, diking or other means.

Methods for cleanup: Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination.
Avoid dry sweeping.
Pick up and transfer to properly labeled containers.

Reference to other sections:

Other Precautions: Does not apply.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling:	Avoid dust formation. Do not breathe dust. Wear personal protective equipment.
Hygiene Practices:	Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

Conditions for safe storage, including any incompatibilities:

Storage:	Keep product in its packaging until use to minimize potential dust generation. Product should be kept dry and undercover.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Glass oxide (Continuous filaments) :

Guideline ACGIH:	TLV-TWA: 1 f/cc (Respirable) 5 mg/m3 (Inhalable)
Guideline OSHA:	PEL-TWA: 1 f/cc (Respirable)

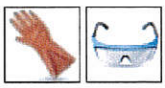
Antimony trioxide :

Guideline ACGIH:	TLV-TWA: 0.5 mg/m3
Guideline OSHA:	PEL-TWA: 0.5 mg/m3

Appropriate engineering controls:

Engineering Controls:	Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits. Dust collection system must be used in transferring operations, cutting or machining or other dust generating processes, such as using power tools. Vacuum or wet clean-up methods should be used.

Individual protection measures:

Eye/Face Protection:	Safety glasses with side-shields.
Skin Protection Description:	Protective gloves. Long sleeved shirt and long pants.
Respiratory Protection:	When workers are facing airborne particulate/dust concentrations above the exposure limit they must use appropriate certified respirators. A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended. Consult with your company's local procedures for selection, training, inspection and maintenance of respirators. Otherwise, consult the NIOSH web site (http://www.cdc.gov/niosh/npptl/topics/respirators/disp_part) for a list of dust respirator types and approved suppliers.
General Hygiene Considerations:	Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.
PPE Pictograms:	

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State Appearance:	Fiberglass mat.
Color:	Black.
Odor:	Faint chemical odor.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Specific Gravity:	Not determined.
Solubility:	Insoluble. in water.
Vapor Density:	Not determined.
Vapor Pressure:	Not determined.
Evaporation Rate:	Not determined.
pH:	Not determined.
Viscosity:	Not determined.
Flash Point:	None.
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit:	Not determined.
Auto Ignition Temperature:	Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:

Chemical Stability:	Stable under normal conditions.

Possibility of hazardous reactions:

Hazardous Polymerization:	Hazardous polymerization does not occur.

Conditions To Avoid:

Conditions to Avoid:	None expected

Incompatible Materials:

Incompatible Materials:	No materials to be especially mentioned.

Hazardous Decomposition Products:

Special Decomposition Products:	See Section 5 of MSDS for hazardous decomposition products during a fire.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity:	Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures may cause difficulty breathing, congestion, and chest tightness.
Acute Effects:	Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures may cause difficulty breathing, congestion, and chest tightness.
Sensitization:	No information available.
Mutagenicity:	No information available.
Reproductive Toxicity:	No information available.
Teratogenicity:	No information available.
Neurological Effects:	No information available.

Antimony trioxide :

RTECS Number:	CC5650000
Eye:	Administration into the eye - Rabbit Standard Draize test : 100 mg [Mild] (RTECS)
Skin:	Administration onto the skin - Rabbit LDLo - Lowest published lethal dose : 2 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rabbit TCLo - Lowest published toxic concentration : 90 mg/m3/56W (Intermittent) [Lungs, Thorax, or Respiration.- Fibrosing alveolitis] Inhalation - Rat TDLo - Lowest published toxic dose : 4.2 mg/m3/1Y (Intermittent) [Lungs, Thorax, or Respiration - Fibrosing alveolitis] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill : >34600 mg/kg [Behavioral - Somnolence (general depressed activity) Skin and Appendages - Hair] Oral - Rat LD50 - Lethal dose, 50 percent kill : >34 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity:	This material is not expected to cause harm to animals, plants or fish.

Persistence and degradability:

Biodegradation:	Not available.

Bioaccumulative potential:

Bioaccumulation:	Not available.

Mobility in soil:

Mobility In Environmental Media:	Not available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal:	Dispose of in accordance with Local, State, Federal and Provincial regulations.
Contaminated Packaging:	Empty containers should be taken for local recycling, recovery or waste disposal.
RCRA Number:	No EPA Waste Numbers are applicable for this product's components.
RCRA Characteristics:	This material is not expected to be a characteristic hazardous waste under RCRA.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name:	Non regulated.
DOT Hazard Class:	Non regulated.
IATA Shipping Name:	Non regulated.
IMDG UN Number :	Non regulated.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

Section 311/312 Hazard Categories:	Acute Health Hazard: Yes Chronic Health Hazard: No Risk of ignition.: No Sudden Release of Pressure Hazard.: No Reactive Hazard: No
Clean Air Act:	This product does not contain any Hazardous Air Pollutants (HAPs).
Canada WHMIS:	Not controlled.
EU Class:	This product is not hazardous according to European Directive 67/548/EEC and 99/45/EC and their latest amendments.
Risk Phrases:	Does not apply.
Safety Phrase:	Does not apply.

Glass oxide (Continuous filaments) :

TSCA Inventory Status:	Listed
EINECS Number:	266-046-0
Japan ENCS:	Not listed
New Jersey:	No Data
Pennsylvania:	No Data
Canada DSL:	Listed
EC Number:	266-046-0
South Korea KECL:	KE-17630
China:	Listed
Australia AICS:	Listed
Philippines PICCS:	Listed

Antimony trioxide :

TSCA Inventory Status:	Listed
Section 313:	EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.
California PROP 65:	Listed: cancer.
Canada DSL:	Listed
EC Number:	215-175-0

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard:	1
HMIS Fire Hazard:	0
HMIS Reactivity:	0
HMIS Personal Protection:	X

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	X

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SDS Revision Notes:	Format Update
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