

SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: StoGuard RediCorner
Product Code: 80209
SDS Manufacturer Number: 80209

Other means of identification:

Synonyms: None.

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Coated Polyester Fabric

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 Class: Not classified

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: Limited evidence of carcinogenicity in animal studies (Carbon black)

Potential Environmental Effects: There is no known ecological information for this material.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Polyester fiber textile Continuous filament	25038-59-9	50 - 100 %	266-046-0
Carbon black	1333-86-4	<1 %	215-609-9

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.
HCl
Other undetermined compounds could be released in small quantities.

Unusual Fire Hazards: PVC will continue to burn after ignition without an external fire source. Burning liberates HCl gas.

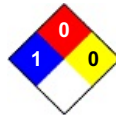
Special protective equipment and precautions for fire-fighters:

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

Fire Fighting Instructions: Fire may produce dense smoke and acrid smoke or vapors.

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, cool, and undercover.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Polyester fiber textile Continuous filament:

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

Guideline OSHA: PEL-TWA: 1 f/cc (Respirable)

Carbon black:

Guideline ACGIH: TLV-TWA: 3 mg/m³ Inhalable fraction (I)

Guideline NIOSH: REL-TWA: 0.1 mg/m3 as Carbon black
REL-TWA: 3.5 mg/m3 as Carbon black

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: 2.5 (water = 1)
Solubility: Insoluble. in water.
Vapor Density: Not determined.
Vapor Pressure: <0.1 mm Hg
Evaporation Rate: Not determined.
pH: Not determined.
Viscosity: Not determined.
Flash Point: 260C (500F)
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: Temperatures above 130F

Incompatible Materials:

Incompatible Materials: Strong oxidizers, water

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.
<u>Carbon black :</u>	
Skin:	Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: >3 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rat TCLo - Lowest published toxic concentration: 7 mg/m ³ - [Lungs, Thorax, or Respiration - Other changes Biochemical - Metabolism (Intermediary) - Effect on inflammation or mediation of inflammation] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill: >15400 mg/kg [Behavioral-Somnolence (general depressed activity)] (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans. (Dust)

SECTION 12 : ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	
Ecotoxicity:	This material is not expected to cause harm to animals, plants or fish.
<u>Persistence and degradability:</u>	
Biodegradation:	Not available.
<u>Bioaccumulative potential:</u>	
Bioaccumulation:	Not available.
<u>Mobility in soil:</u>	
Mobility In Environmental Media:	Not available.

SECTION 13 : DISPOSAL CONSIDERATIONS

<u>Description of waste:</u>	
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

<u>Safety, health and environmental regulations specific for the product:</u>											
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).										
Section 311/312 Hazard Categories:	<table> <tr> <td>Acute Health Hazard:</td> <td>Yes</td> </tr> <tr> <td>Chronic Health Hazard:</td> <td>No</td> </tr> <tr> <td>Risk of ignition.:</td> <td>No</td> </tr> <tr> <td>Sudden Release of Pressure Hazard.:</td> <td>No</td> </tr> <tr> <td>Reactive Hazard:</td> <td>No</td> </tr> </table>	Acute Health Hazard:	Yes	Chronic Health Hazard:	No	Risk of ignition.:	No	Sudden Release of Pressure Hazard.:	No	Reactive Hazard:	No
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).										
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 can expose you to chemicals including Carbon black, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .										
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.

Polyester fiber textile Continuous filament :

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

Carbon black :

TSCA Inventory Status: Listed
 EINECS Number: 215-609-9
 Japan ENCS: (5)-3328
 California PROP 65: Listed: cancer.
 New Jersey: No Data
 Pennsylvania: Listed
 Canada DSL: Listed
 Canada IDL: Identified under the Canadian Hazardous Products Act Ingredient Disclosure List: 1%. Item: 309(1271)
 EC Number: 215-609-9
 South Korea KECL: KE-04682
 Australia AICS: Listed

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: July 09, 2018
 SDS Revision Notes: "Formula 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.

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