

SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: StoGuard RapidSeal
Product Code: 80270
SDS Manufacturer Number: 80270

Other means of identification:

Synonyms: None.

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Elastomeric Adhesive/Sealant/Coating

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: DANGER.

GHS Class: Serious Eye Damage. Category 1.
 Skin Irritation. Category 2.

Hazard Statements: Causes serious eye damage.
 Causes skin irritation.

Precautionary Statements: Wash hands thoroughly after handling.
 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.
 Immediately call a POISON CENTER or doctor/physician.
 Specific treatment (see ... on this label).
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.

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

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.
 Normal application procedures for this product pose no hazard as to the release of respirable titanium dioxide dust, but grinding or sanding dried films of this product may yield some respirable titanium dioxide.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Proprietary polymers	No Data	- by weight	

Titanium Oxide	13463-67-7	- by weight	236-675-5
Calcium carbonate	1317-65-3	- by weight	215-279-6
Organofunctional Silane Ester	1760-24-3	- by weight	217-164-6
Precipitated Calcium Carbonate	471-34-1	- by weight	207-439-9

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:	Wipe off material with a dry cloth. Follow with a non-aqueous skin cleaner and rinse with clean water. Get medical attention, if irritation or symptoms of overexposure 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.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

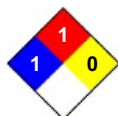
Suitable Extinguishing Media:	Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers.
Unusual Fire Hazards:	Material may spatter above 100 °C/212 °F.

Special protective equipment and precautions for fire-fighters:

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

NFPA Ratings:

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



SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
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Environmental precautions:

Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
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Methods and materials for containment and cleaning up:

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

Precautions for safe handling:

Handling:	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Hygiene Practices:	Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

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 49°C (120 °F) or below 9°C (48 °F). Keep away from direct sunlight.
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Specific end use(s):

Work Practices:	Handle in accordance with good industrial hygiene and safety practices.
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SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Titanium Oxide :

Guideline ACGIH:

TLV-TWA: 10 mg/m³

Precipitated Calcium Carbonate :

Guideline OSHA:

PEL-TWA: 5 mg/m³ Respirable fraction (R)
PEL-TWA: 15 mg/m³ Total particulate/dust (T)

Appropriate engineering controls:

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.

Individual protection measures:

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:



Notes :

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

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State Appearance:

Paste.

Color:

Pale yellow.

Odor:

Mild.

Boiling Point:

Not determined.

Melting Point:

Not determined.

Specific Gravity:

1.4 -1.5

Solubility:

Insoluble in water.

Vapor Density:

Not determined.

Vapor Pressure:

Not determined.

Evaporation Rate:

Not determined.

pH:

Not determined.

Flash Point:

>200 F

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 recommended handling and storage conditions.

Possibility of hazardous reactions:

Hazardous Polymerization:

Hazardous polymerization does not occur.

Conditions To Avoid:

Conditions to Avoid:

Heat, flames, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 0°C (32°F).

Incompatible Materials:

Incompatible Materials:

Water reactive materials.

Hazardous Decomposition Products:

Special Decomposition Products: Thermal decomposition can lead to release irritant fumes and toxic gases.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Titanium Oxide :

Carcinogenicity: (a) Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials, such as paints.

Calcium carbonate :

RTECS Number: EV9580000

Inhalation: Inhalation - Rat TCLo - Lowest published toxic concentration : 250 mg/m³/2H/24W (Intermittent) [Lungs, Thorax, or Respiration - Fibrosis, focal (pneumoconiosis)]
Inhalation - Rat TCLo - Lowest published toxic concentration : 84 mg/m³/4H/40W (Intermittent) [Lungs, Thorax, or Respiration - Fibrosis (interstitial) Liver - Other changes Kidney/Ureter/Bladder - Other changes] (RTECS)

Organofunctional Silane Ester :

RTECS Number: WW2710000

Eye: Administration into the eye - Rabbit Standard Draize test: 15 mg [Severe] (RTECS)

Skin: Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill: >2009 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 7460 uL/kg [Details of toxic effects not reported other than lethal dose value]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 2413 mg/kg [Behavioral-TremorGastrointestinal-Hypermotility, diarrheaGastrointestinal-Other changes] (RTECS)

Precipitated Calcium Carbonate :

Eye: Administration into the eye - Rabbit Standard Draize test: 750 ug/24H [Severe] (RTECS)

Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 6450 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity: No ecotoxicity data was found for the product.

Environmental Fate: No environmental information found for this product.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines. Triple-rinse drum prior to offering for recycle, reconditioning or disposal. Dispose of rinsate in an environmentally acceptable manner consistent with applicable waste management.

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:

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, titanium dioxide, 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.

Titanium Oxide :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 236-675-5

Calcium carbonate :

TSCA Inventory Status: Listed

EC Number: 215-279-6

Organofuntional Silane Ester :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 217-164-6

Precipitated Calcium Carbonate :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 207-439-9

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

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

Health Hazard	1*
Fire Hazard	1
Physical Hazard	0
Personal Protection	X

* Chronic Health Effects

SDS Creation Date: October 26, 2016

SDS Revision Date: March 10, 2022

MSDS Revision Notes: Regulatory Review

SDS Format:

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.