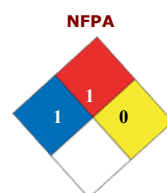


SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name: StoGuard RapidSeal
Product Code: 80270
SDS Manufacturer Number: 80270
Product Use/Restriction: Elastomeric Adhesive/Sealant/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 07, 2014
SDS Revision Date: July 07, 2014
(M)SDS Format:



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

* Chronic Health Effects

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:



Signal Word: WARNING!

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: Wipe off material with a dry cloth. Follow with a non-aqueous skin cleaner and rinse with clean water. 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.
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

Chemical Name	CAS#	Ingredient Percent	EC Num.
Proprietary polymers	No Data	- by weight	
Titanium Oxide	13463-67-7	- by weight	

Calcium carbonate	1317-65-3	- by weight
Organofunctional Silane Ester	1760-24-3	- by weight
Precipitated Calcium Carbonate	471-34-1	- 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:	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

Flash Point:	>200 F
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 49°C (120 °F) or below 9°C (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

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)

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

SECTION 9 : 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
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 0°C (32°F).
Incompatible Materials:	Water reactive materials.

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

SECTION 11 : TOXICOLOGICAL INFORMATION

Titanium Oxide :

Carcinogenicity: IARC: Group 2B: Possibly carcinogenic to humans.

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)

Organofuntional 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: No ecotoxicity data was found for the product.

Environmental Fate: No environmental information found for this product.

SECTION 13 : DISPOSAL CONSIDERATIONS

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

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.

Titanium Oxide :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Calcium carbonate :

TSCA Inventory Status:	Listed
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Organofuntional Silane Ester :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Precipitated Calcium Carbonate :

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 07, 2014
SDS Revision Date:	July 07, 2014
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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