

SECTION 1: IDENTIFICATION

1.1. GHS Product Identifier

Product Form: Mixture

Product Name(s): Sto GoldSeal STPE

Product Code: 81838

1.2. Recommended Use Of The Chemical And Restrictions On Use

Liquid Flashing. For professional use only.

1.3. Supplier's Details

Company

Sto Corp.

6175 Riverside Drive SW

Atlanta, GA 30331

(800)221-2397

www.stocorp.com

1.4. Emergency Phone Number

Emergency Number : 800-424-9300 CHEMTREC

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS UN classification

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Full text of hazard classes and H-statements : see section 16

2.2. GHS Label Elements, Including Precautionary Statements

GHS UN labeling

Hazard Pictograms (GHS-UN)



Signal Word (GHS-UN)

: Danger

Hazard Statements (GHS-UN)

: H315 – Causes skin irritation

H319- Causes eye irritation

Precautionary Statements (GHS-UN)

: P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe mist, spray, vapors.

P264 - Wash hands, forearms and face thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-UN)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

05/12/2023

EN (English US)

1/7

Sto GoldSeal STPE

Safety Data Sheet

According To The United Nations Ghs (Rev. 6, 2015)



Name	Product Identifier (CAS-No.)	% by weight
Calcium Carbonate	1317-65-3	<50
Dilisononyl Ester	166412-78-8	<20
Titanium dioxide	13463-67-7	1-5
Carbon black	1333-86-4	<0.5
Proprietary polymer mixture	Not Available	10-30
Proprietary metal catalyst	Not Available	<5

SECTION 4: FIRST AID MEASURES

4.1. Description of Necessary First-Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

Eye Contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms/Effects, Acute and Delayed

General: Skin irritation. Eye irritation. Exposure to titanium oxide is not expected as product is in a wet form.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: May cause an irritation

Eye Contact: May cause irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer. Causes damage to organs through prolonged or repeated exposure. This product is in a liquid form, the titanium dioxide dust is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with titanium dioxide dust are not applicable to this product.

4.3. Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Specific Hazards Arising From the Chemical

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: As supplied, this product is a liquid. However, when dried this product may produce combustible dust when processed. Use caution when working with combustible dusts. Use appropriate engineering controls to keep generation of airborne dust to a minimum.

Reactivity: None expected.

5.3. Special Protective Actions for Fire-Fighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other Information: May spatter at temperatures above 212 Fahrenheit. Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Formaldehyde. Hydrocarbons. Nitrogen oxides. Hydrogen chloride. Bromine compounds.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Personal Precautions, Protective Equipment and Emergency Procedures

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for Safe Handling**

Additional Hazards When Processed: As supplied, this product is a liquid. However, when dried this product may produce combustible dust when processed. Use caution when working with combustible dusts. Use appropriate engineering controls to keep generation of airborne dust to a minimum.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist, spray, vapors. Avoid contact with eyes, skin and clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

Incompatible Materials: Avoid contact with acids and oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control Parameters**

Exposure limits are provided for information only. This chemical is not in a respirable form in this product.

Titanium dioxide (13463-67-7)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
Colombia	TWA (mg/m ³ , ppm)	10 mg/m ³
Nicaragua	TWA (mg/m ³ , ppm)	10 mg/m ³
Panama	STEL (mg/m ³ , ppm)	15 mg/m ³
Panama	TWA (mg/m ³ , ppm)	15 mg/m ³
Peru	TWA (mg/m ³ , ppm)	10 mg/m ³
Carbon Black		
USA ACGIH	PEL TWA (mg/m ³ , ppm)	3.5 mg/m ³
USA OSHA	PEL TWA (mg/m ³ , ppm)	3.5 mg/m ³
Calcium Carbonate		
USA ACGIH	PEL TWA (mg/m ³ , ppm)	10 mg/m ³
USA OSHA	PEL TWA (mg/m ³ , ppm)	15 mg/m ³

Substances listed in section 3 that are not listed above, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), Colombia, Nicaragua, Panama, or Peru.

Exposure Controls

Appropriate Engineering Controls

: Suitable eye/bodywash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed

8.2 Individual Protection Measures, Such as Personal Protective Equipment (PPE)**Personal Protective Equipment**

: Gloves. Protective clothing. Safety glasses or Protective goggles.



Materials for Protective Clothing

Hand Protection

Eye and Face Protection

Skin and Body Protection

Respiratory Protection

: Chemically resistant materials and fabrics.

: Wear protective gloves

: Chemical safety glasses or goggles

: Wear suitable protective clothing

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection

Other Information

: When using, do not eat, drink or smoke

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance	: Gray
Odor	: Slight
Odor Threshold	: No data available
pH	: 7.5-10.0
Evaporation Rate	: No data available
Melting Point	: 32 Farenheit
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Specific Gravity	: 1.1.-1.4
Solubility	: Water: Incompatible
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Stable under recommended handling and storage conditions (see section 7).
- 10.2. **Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. **Conditions to Avoid:** Heat, flames, ignition sources and freezing temperatures.
- 10.5. **Incompatible Materials:** Avoid contact with acids and oxidizers.
- 10.6. **Hazardous Decomposition Products:** Thermal decomposition generates: Carbon oxides (CO, CO₂). Formaldehyde. Hydrocarbons. Nitrogen oxides. Hydrogen chloride.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral) : Not classified

Acute Toxicity (Dermal) : Not classified

Acute Toxicity (Inhalation) : Not classified

Skin Corrosion/Irritation: May cause irritation.

Eye Damage/Irritation: May cause irritation.

Respiratory or Skin Sensitization: May cause an skin irritation

Germ Cell Mutagenicity: No

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

Carbon Black	
IARC Group	2B
National Toxicology Program (NTP) Status	Possibly carcinogenic to humans
Titanium dioxide (13463-67-7)	
IARC Group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

Symptoms/Injuries After Eye Contact: Causes eye irritation with contact.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer. Causes damage to organs through prolonged or repeated exposure. May cause genetic defects. Since this product is in a liquid form, the dust is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with dust are not applicable to this product.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology – General : Not classified

Hazardous To The Aquatic Environment, Short-Term (Acute): Not classified

Hazardous To The Aquatic Environment, Long-Term (Chronic): Not classified

12.2. Persistence and Degradability

Sto E72-1	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Sto E72-1	
Bioaccumulative Potential	Not established.

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Ozone : Not classified

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Ecology - Waste Materials: Avoid release to the environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In Accordance with UN RTDG, IMDG, and IATA

UN RTDG	IMDG	IATA
14.1. UN Number		
Not regulated for transport		
14.2. UN Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport Hazard Class(es)		
Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable
14.4. Packing Group		
Not applicable	Not applicable	Not applicable

14.5. Environmental Hazards

Not applicable	Not applicable	Not applicable
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14.6. Special Precautions For User No additional information available

14.7. Transport in Bulk According to Annex II of MARPOL and The IBC Code Not applicable

SECTION 15: REGULATORY INFORMATION**15.1. International Regulatory Lists**

The ingredients of this chemical are listed on the US TSCA Chemical Substance Inventory and the Canadian Domestic Substances List

15.1. International Agreements

Titanium dioxide (13463-67-7)
This chemical is subject to the International Convention for the Prevention of Pollution from Ships (MARPOL)
This chemical is subject to the International Convention for the Prevention of Pollution from Ships (MARPOL)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 04/19/2023 Original Issue

Data Sources : Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

Other Information : According To The United Nations Ghs (Rev. 6, 2015)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

UN Latin America GHS SDS (Bolivia, Colombia, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Peru)

GHS Full Text Phrases:

Carc. 1A	Carcinogenicity Category 1A
Carc. 1B	Carcinogenicity Category 1B
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
H315	Causes skin irritation
H319	Causes eye irritation
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure

Abbreviations and Acronyms:

ACGIH – American Conference of Governmental Industrial Hygienists
 AIHA – American Industrial Hygiene Association
 ATE – Acute Toxicity Estimate
 BCF – Bioconcentration Factor
 BEI – Biological Exposure Indices (BEI)
 BOD – Biochemical Oxygen Demand
 CAS No. – Chemical Abstracts Service Number
 COD – Chemical Oxygen Demand
 EC50 – Median Effective Concentration
 EmS-No. (Fire) – IMDG Emergency Schedule Fire
 EmS-No. (Spillage) – IMDG Emergency Schedule Spillage
 ErC50 – EC50 in Terms of Reduction Growth Rate
 ERG code (IATA) – Emergency Response Drill Code as found in the International Civil Aviation Organization (ICAO)
 GHS – Globally Harmonized System of Classification and Labeling
 HCCL – Hazard Communication Carcinogen List
 IARC – International Agency for Research on Cancer
 IATA – International Air Transport Association
 IBC – International Bulk Chemical Code
 IMDG – International Maritime Dangerous Goods
 LC50 – Median Lethal Concentration

LD50 – Median Lethal Dose
 LOAEL – Lowest Observed Adverse Effect Level
 LOEC – Lowest-Observed-Effect Concentration
 Log Koc – Soil Organic Carbon-water Partitioning Coefficient
 Log Kow – Octanol/water Partition Coefficient



Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water

MARPOL – International Convention for the Prevention of Pollution

MFAG-No - Medical First Aid Guide for Use in Accidents Involving Dangerous Goods

NOAEL - No-Observed Adverse Effect Level

NOEC - No-Observed Effect Concentration

NTP – National Toxicology Program

OEL - Occupational Exposure Limits

OSHA – Occupational Safety and Health Administration pH

– Potential Hydrogen

SDS - Safety Data Sheet

SRCL - Specifically Regulated Carcinogen List

STEL - Short Term Exposure Limit

ThOD – Theoretical Oxygen Demand

TLM - Median Tolerance Limit

TLV - Threshold Limit Value

TPQ - Threshold Planning Quantity

TWA - Time Weighted Average

UN – United Nations

UN RTDG – United Nations Recommendations on the Transport of Dangerous Goods

VOC – Volatile Organic Compounds

WEEL - Workplace Environmental Exposure Levels