

## SECTION 1: IDENTIFICATION

### 1.1. GHS Product Identifier

**Product Form:** Mixture

**Product Name:** Sto Gold Coat®, CN Sto Gold Coat®

**Product Code:** 81636, 81636-510

### 1.2. Recommended Use Of The Chemical And Restrictions On Use

Vapor permeable fluid-applied membrane with built-in antifreeze properties. 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](http://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

Carc. 1A H350

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

H350 - May cause cancer (Inhalation).

**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**

| Name                                      | Product Identifier   | % by weight |
|---|----------------------|-------------|
| Quartz, silica                            | (CAS-No.) 14808-60-7 | 40-70       |
| Titanium dioxide                          | (CAS-No.) 13463-67-7 | 1-5         |
| Water based styrene acrylic, nonhazardous | Not Available        | 10-30       |

**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 silica and 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. Finely divided Quartz dust has caused cancer and lung disease in workers that inhale it over an extended period of time. Since this product is in a liquid form, the Quartz dust is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with Quartz 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 (CO<sub>2</sub>), 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:** Quartz (silica) will dissolve in hydrofluoric acid producing a corrosive gas, silicon tetrafluoride.

**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, CO<sub>2</sub>). Formaldehyde. Hydrocarbons. Sulfur oxides. 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

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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:** Water reactive materials.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

| Quartz (14808-60-7)           |                                |  |
|-------------------------------|--------------------------------|--|
| USA ACGIH                     | ACGIH TWA (mg/m <sup>3</sup> ) | 0.025 mg/m <sup>3</sup> (respirable particulate matter)  |
| USA ACGIH                     | ACGIH chemical category        | A2 – Suspected Human Carcinogen  |
| Colombia                      | TWA (mg/m <sup>3</sup> , ppm)  | 0.025 mg/m <sup>3</sup> (respirable particulate matter)  |
| Nicaragua                     | TWA (mg/m <sup>3</sup> , ppm)  | 0.025 mg/m <sup>3</sup> (respirable particulate matter)  |
| Panama                        | STEL (mg/m <sup>3</sup> , ppm) | 0.1 mg/m <sup>3</sup> (crystalline, respirable dust); 500 mppcf STEL (total); 0.1 mg/m <sup>3</sup> STEL (total) |
| Panama                        | TWA (mg/m <sup>3</sup> , ppm)  | 0.05 mg/m <sup>3</sup> (crystalline, respirable dust); 250 mppcf TWA (total); 0.05 mg/m <sup>3</sup> TWA (total) |
| Peru                          | TWA (mg/m <sup>3</sup> , ppm)  | 0.05 mg/m <sup>3</sup> (respirable particulate matter)   |
| Titanium dioxide (13463-67-7) |                                |  |
| USA ACGIH                     | ACGIH TWA (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup>   |
| USA ACGIH                     | ACGIH chemical category        | Not Classifiable as a Human Carcinogen   |
| Colombia                      | TWA (mg/m <sup>3</sup> , ppm)  | 10 mg/m <sup>3</sup>   |
| Nicaragua                     | TWA (mg/m <sup>3</sup> , ppm)  | 10 mg/m <sup>3</sup>   |
| Panama                        | STEL (mg/m <sup>3</sup> , ppm) | 15 mg/m <sup>3</sup>   |
| Panama                        | TWA (mg/m <sup>3</sup> , ppm)  | 15 mg/m <sup>3</sup>   |
| Peru                          | TWA (mg/m <sup>3</sup> , ppm)  | 10 mg/m <sup>3</sup>   |

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** : Chemically resistant materials and fabrics.  
**Hand Protection** : Wear protective gloves  
**Eye and Face Protection** : Chemical safety glasses or goggles  
**Skin and Body Protection** : Wear suitable protective clothing  
**Respiratory Protection** : 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** : Liquid/Yellow/Gold  
**Odor** : Slight  
**Odor Threshold** : No data available  
**pH** : 7.5-10.0  
**Evaporation Rate** : No data available  
**Melting Point** : 32 Fahrenheit  
**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  
**Solubility** : Water: Miscible  
**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:** Quartz (silica) will dissolve in hydrofluoric acid producing a corrosive gas, silicon tetrafluoride.  
**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:** Water reactive materials  
**10.6. Hazardous Decomposition Products:** Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Formaldehyde. Hydrocarbons. Sulfur oxides. Nitrogen oxides. Hydrogen chloride.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

**Acute Toxicity (Oral)** : Not classified  
**Acute Toxicity (Dermal)** : Not classified

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**Acute Toxicity (Inhalation)** : Not classified

**Skin Corrosion/Irritation:** Category 2

**pH:** 7.0-10.0

**Eye Damage/Irritation:** Category 2

**pH:** 7.0-10.0

**Respiratory or Skin Sensitization:** May cause an skin irritation

**Germ Cell Mutagenicity:** No

**Carcinogenicity:** Crystalline silica in the form of quartz or cristobalite dust causes cancer of the lung. Normal application procedures for this product pose no hazard as to the release of crystalline silica dust, but grinding or sanding dried films of this product may yield some respirable crystalline silica.

|   |   |
|---|---|
| <b>Quartz (14808-60-7)</b>                                |   |
| <b>IARC Group</b>   | 1   |
| <b>National Toxicology Program (NTP) Status</b>           | Known Human Carcinogens.                      |
| <b>OSHA Hazard Communication Carcinogen List</b>          | In OSHA Hazard Communication Carcinogen list. |
| <b>Titanium dioxide (13463-67-7)</b>                      |   |
| <b>IARC Group</b>   | 2B  |
| <b>OSHA Hazard Communication Carcinogen List</b>          | In OSHA Hazard Communication Carcinogen list. |
| <b>Silica, amorphous, diatomaceous earth (68855-54-9)</b> |   |
| <b>IARC Group</b>   | 3   |

**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. Finely divided Quartz dust has caused cancer and lung disease in workers that inhale it over an extended period of time. Since this product is in a liquid form, the Quartz dust is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with Quartz 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

|                                      |                  |
|--------------------------------------|------------------|
| <b>Sto Gold Coat®</b>                |                  |
| <b>Persistence and Degradability</b> | Not established. |

### 12.3. Bioaccumulative Potential

|                                  |                  |
|----------------------------------|------------------|
| <b>Sto GoldCoat®</b>             |                  |
| <b>Bioaccumulative Potential</b> | 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           |
|---|----------------|----------------|
| <b>14.1. UN Number</b>                  |                |                |
| Not regulated for transport             |                |                |
| <b>14.2. UN Proper Shipping Name</b>    |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.3. Transport Hazard Class(es)</b> |                |                |
| Not applicable                          | Not applicable | Not applicable |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.4. Packing Group</b>              |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.5. Environmental Hazards</b>      |                |                |
| Not applicable                          | Not applicable | Not applicable |

**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****Quartz (14808-60-7)**

Listed on IARC (International Agency for Research on Cancer) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed as carcinogen on NTP (National Toxicology Program)  
Listed on the Canadian IDL (Ingredient Disclosure List)  
Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory)

**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** : 01/10/2023 Regulatory Review & Formatting updates  
**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                           |
| Skin Sens. 1  | Skin sensitization, Category 1                                 |
| STOT RE 1     | Specific target organ toxicity (repeated exposure) Category 1  |
| H315          | Causes skin irritation   |
| H319          | Causes eye irritation  |
| H335          | May cause respiratory irritation                               |
| H340          | May cause genetic defects                                      |
| H341          | Suspected of causing genetic defects                           |
| 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