

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Stolit® Lotusan® Finish: Stolit® Lotusan® 1.0 Dark Colors, Stolit® Lotusan® 1.5 Dark Colors, Stolit® Lotusan® Freeform, StoColor Lotusan®, StoColor Lotusan®, Stolit® Lotusan® Freeform, Stolit® Lotusan® 1.5, Stolit® Lotusan® 1.0, CN Stolit® Lotusan® 1.0 Dark Colors, CN Stolit® Lotusan® 1.5 Dark Colors, CN Stolit® Lotusan® Freeform, CN StoColor® Lotusan, CN Stolit® Lotusan® Freeform, CN Stolit® Lotusan® 1.5, CN Stolit® Lotusan® 1.0

**Product Code:** 81290, 82190, 82191, 82193, 81217, 80217, 80193, 80191, 80190, 81290-510, 82190-510, 82191-510, 82193-510, 81217-510, 80217-510, 80193-510, 80191-510, 80190-510

### 1.2. Intended Use of the Product

Ready-mixed exterior textured finish.

### 1.3. Name, Address, and Telephone of the Responsible Party

**Company**

Sto Corp.

3800 Camp Creek Pkwy

Bldg 1400, Ste 120

Atlanta, GA 30331

404-346-3666

[www.stocorp.com](http://www.stocorp.com)

### 1.4. Emergency Telephone Number

**Emergency Number** : 800-424-9300 CHEMTREC

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

**GHS-US/CA Classification**

Skin sensitization, category 1A

H317

Carcinogenicity Category 1A

H350

Specific target organ toxicity (repeated exposure) Category 1

H372

### 2.2. Label Elements

**GHS-US/CA Labeling**

**Hazard Pictograms (GHS-US/CA)** :



**Signal Word (GHS-US/CA)**

: Danger

**Hazard Statements (GHS-US/CA)**

: H317 - May cause an allergic skin reaction.

H350 - May cause cancer (Inhalation).

H372 - Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (Inhalation).

**Precautionary Statements (GHS-US/CA)** :

P201 - Obtain special instructions before use.

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

P260 - Do not breathe vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas 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.

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.

P314 - Get medical advice/attention if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS).

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

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

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

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### 2.3. Other Hazards

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

### 2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Limestone	Chalk / Limestone (A noncombustible solid characteristic of sedimentary rock. It consists primarily of calcium carbonate.) / Natural calcium carbonate / Marble / Calcium carbonate / Limestone (sedimentary rock) / Calcite / Limestone ground / Acetate, 4-methyl-2-propyl-2H-tetrahydropyran-4-yl	(CAS-No.) 1317-65-3	45 - 70	Not classified
Barium sulfate	Barium sulfate (1:1) / Barium sulphate / Baryta White / C.I. 77120 / C.I. Pigment White 21 / Sulfuric acid, barium salt (1:1) / Sulphuric acid, barium salt	(CAS-No.) 7727-43-7	5 - 10	Aquatic Acute 3, H402
Perlite	Perlite, expanded / Perlit / Expanded perlite	(CAS-No.) 93763-70-3	1 - 5	Not classified
Quartz	Quartz (SiO <sub>2</sub> ) / Silica, crystalline, quartz / Crystalline silica, quartz / .alpha.-Quartz / Silica, crystalline, .alpha.-quartz / Crystalline silica in the form of quartz / Quartz, silica / Quartz (respirable fraction) / Silica dust / Silica, crystalline-.alpha.quartz / Silica, .alpha.-quartz / Silicon dioxide / Silica, quartz / Silica, crystalline / Quartz (crystalline silica)	(CAS-No.) 14808-60-7	1 - 5	Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372
Triethoxy(2,4,4-trimethylpentyl)silane	Silane, triethoxy(2,4,4-trimethylpentyl)-	(CAS-No.) 35435-21-3	0.1 - 1	Flam. Liq. 3, H226
3(2H)-Isothiazolone, 2-methyl-	2-Methyl-3-isothiazolone / 3-Isothiazolone, 2-methyl- / 2-Methyl-2H-isothiazol-3-one / 2-Methyl-4-isothiazolin-3-one / 2-Methyl-4-isothiazolone-3-one / Methylisothiazolinone / Methylisothiazolone / Methyl-4-isothiazolin-3-one, 2- / MIT / 2-Methyl-2,3-dihydroisothiazol-3-one / 2-Methylisothiazol-3(2H)-one / 3(2H)-Isothiazolone-3-one, 2-methyl- / 2-Methylisothiazolin-3(2H)-one / N-Methyl-isothiazolone	(CAS-No.) 2682-20-4	< 0.01	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	CMI + MIT in mixture 3:1 / Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one / Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) / Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) / Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) / 5-Chloro-2-methyl-3(2H)-isothiazolone with 2-methyl-3(2H)-isothiazolone / 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixture with 2-methyl-3(2H)-isothiazolone (3:1) / Methylisothiazolinone and	(CAS-No.) 55965-84-9	0- < 0.01	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

	methylchloroisothiazolinone, in combination / Mixture of 5-chloro-2-methylisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one / Kathon 886 / Reaction mass 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) / Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one / 2-Methyl-5-chloro-(2H)-isothiazol-3-one with 2-methyl-(2H)-isothiazol-3-one / Mixture of 2-methyl-1,2-thiazol-3(2H)-one and 5-chloro-2-methyl-1,2-thiazol-3(2H)-one / 2-Methyl-1,2-thiazol-3(2H)-one - 5-chloro-2-methyl-1,2-thiazol-3(2H)-one / 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixture with 2-methyl-3(2H)-isothiazolone / Reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H - isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1) / Reaction mass of: 5-chloro-2-methyl-4-isothiazolin3-one and 2-methyl-2H-isothiazol-3-one (3:1) / Reaction mass of: 5-chloro-2-methyl-4-isothiazolin3-one and 2-methyl-2H-isothiazol-3-one (3:1)			
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Full text of H-statements: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%). The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of 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. Wash affected area with soap and water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists. If exposed or concerned: Get medical advice/attention.

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

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

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (Inhalation). May cause cancer by inhalation. Skin sensitization.

**Inhalation:** Prolonged exposure may cause irritation. Cough, dyspnea (breathing difficulty), wheezing; decreased pulmonary function, progressive respiratory symptoms (silicosis). The lungs become very inflamed and may fill with fluid, causing severe shortness of breath and low blood oxygen levels. Inflammation, scarring, and symptoms progress faster in accelerated silicosis than in simple silicosis. Progressive massive fibrosis may occur in simple or accelerated silicosis, but is more common in the accelerated form. Progressive massive fibrosis results from severe scarring and leads to the destruction of normal lung structures.

**Skin Contact:** May cause an allergic skin reaction.

**Eye Contact:** May cause slight irritation to eyes.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** This product contains crystalline silica. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis; a seriously disabling and fatal lung disease, and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Pulmonary function may be reduced and pre-existing lung diseases such as: emphysema or asthma may be aggravated by inhalation exposure to dusts. Smoking aggravates the effects of exposure. Inhalation may lead to a progressive massive fibrosis which may be accompanied by right heart enlargement, heart failure, pulmonary failure of the lung and susceptibility to pulmonary tuberculosis.

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand. Treatment will be based on severity and prognosis of disease.

## 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. Special Hazards Arising From the Substance or Mixture

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

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions. Silicates dissolve in hydrofluoric acid, producing corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride.

### 5.3. Advice for Firefighters

**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.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Phosphorus oxides. Silicon oxides. Sulfur oxides.

### 5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

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

#### 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 Personnel

**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. Environmental Precautions

Prevent entry to sewers and public waters.

### 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. Avoid actions that cause dust to become airborne during clean-up such as dry sweeping or using compressed air. Use HEPA vacuum or thoroughly wet with water to clean-up dust. Use PPE described in Section 8. Absorb and/or contain spill with inert material. 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:** Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

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

**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.

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

**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:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

Ready-mixed exterior textured finish.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Limestone (1317-65-3)		
USA OSHA	OSHA PEL TWA	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
USA NIOSH	NIOSH REL TWA	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
Alberta	OEL TWA	10 mg/m <sup>3</sup>
British Columbia	OEL STEL	20 mg/m <sup>3</sup> (total)
British Columbia	OEL TWA	10 mg/m <sup>3</sup> (total dust) 3 mg/m <sup>3</sup> (respirable fraction)
New Brunswick	OEL TWA	10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica)
Nunavut	OEL STEL	20 mg/m <sup>3</sup>
Nunavut	OEL TWA	10 mg/m <sup>3</sup>
Northwest Territories	OEL STEL	20 mg/m <sup>3</sup>
Northwest Territories	OEL TWA	10 mg/m <sup>3</sup>
Québec	VEMP OEL TWA	10 mg/m <sup>3</sup> (Limestone, containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL	20 mg/m <sup>3</sup>
Saskatchewan	OEL TWA	10 mg/m <sup>3</sup>
Yukon	OEL STEL	20 mg/m <sup>3</sup>
Yukon	OEL TWA	30 mppcf 10 mg/m <sup>3</sup>
Quartz (14808-60-7)		
USA ACGIH	ACGIH OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
USA ACGIH	ACGIH chemical category	A2 - Suspected Human Carcinogen
USA OSHA	OSHA PEL TWA	50 µg/m <sup>3</sup> (Respirable crystalline silica)
USA OSHA	OSHA PEL TWA	(250)/(%SiO <sub>2</sub> +5) mppcf TWA (respirable fraction) (10)/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA (respirable fraction) (For any operations or sectors for which the respirable crystalline silica standard, 1910.1053, is stayed or otherwise not in effect, See 20 CFR 1910.1000 TABLE Z-3)
USA NIOSH	NIOSH REL TWA	0.05 mg/m <sup>3</sup> (respirable dust)
USA IDLH	IDLH	50 mg/m <sup>3</sup> (respirable dust)
Alberta	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate)
British Columbia	OEL TWA	0.025 mg/m <sup>3</sup> (respirable)
Manitoba	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
New Brunswick	OEL TWA	0.1 mg/m <sup>3</sup> (respirable fraction)
Newfoundland & Labrador	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
Nova Scotia	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
Nunavut	OEL TWA	0.05 mg/m <sup>3</sup> (respirable fraction (Silica - crystalline))
Northwest Territories	OEL TWA	0.05 mg/m <sup>3</sup> (respirable fraction (Silica - crystalline))

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

<b>Ontario</b>	OEL TWA	0.1 mg/m <sup>3</sup> (designated substances regulation-respirable fraction (Silica, crystalline))
<b>Prince Edward Island</b>	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
<b>Québec</b>	VEMP OEL TWA	0.1 mg/m <sup>3</sup> (respirable dust)
<b>Saskatchewan</b>	OEL TWA	0.05 mg/m <sup>3</sup> (Trydimite removed-respirable fraction (Silica - crystalline (Trydimite removed)))
<b>Yukon</b>	OEL TWA	300 particle/mL (Silica - Quartz, crystalline)
<b>Perlite (93763-70-3)</b>		
<b>USA OSHA</b>	OSHA PEL TWA	15 mg/m <sup>3</sup> (General Industry - total dust)
<b>USA NIOSH</b>	NIOSH REL TWA	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>British Columbia</b>	OEL TWA	10 mg/m <sup>3</sup> (total dust) 3 mg/m <sup>3</sup> (respirable fraction)
<b>New Brunswick</b>	OEL TWA	10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica)
<b>Nunavut</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Saskatchewan</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Saskatchewan</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA	30 mppcf
<b>Barium sulfate (7727-43-7)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	5 mg/m <sup>3</sup> (inhalable particulate matter, particulate matter containing no asbestos and <1% crystalline silica)
<b>USA OSHA</b>	OSHA PEL TWA	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>USA NIOSH</b>	NIOSH REL TWA	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>Alberta</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>British Columbia</b>	OEL TWA	5 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-inhalable)
<b>Manitoba</b>	OEL TWA	5 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-inhalable particulate matter, particulate matter)
<b>New Brunswick</b>	OEL TWA	10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	5 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-inhalable particulate matter, particulate matter)
<b>Nova Scotia</b>	OEL TWA	5 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-inhalable particulate matter, particulate matter)
<b>Nunavut</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Ontario</b>	OEL TWA	5 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-inhalable particulate matter)
<b>Prince Edward Island</b>	OEL TWA	5 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-inhalable particulate matter, particulate matter)
<b>Québec</b>	VEMP OEL TWA	5 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-inhalable dust)
<b>Saskatchewan</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Saskatchewan</b>	OEL TWA	10 mg/m <sup>3</sup>

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### 8.2. Exposure Controls

**Appropriate Engineering Controls:** Suitable eye/body wash 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. Maintain sufficient mechanical or natural ventilation to assure silica concentrations remain below PEL/TLV. Use local exhaust if necessary. Power equipment should be equipped with properly designed dust collection devices.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety 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

Physical State	: Liquid
Appearance	: Opaque / Viscous
Odor	: Slight
Odor Threshold	: No data available
pH	: 7.5 - 10
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: 0 °C (32 °F)
Boiling Point	: >60 °C (140 °F)
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Specific Gravity	: > 1 g/cc
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity:

Hazardous reactions will not occur under normal conditions. Silicates dissolve in hydrofluoric acid, producing corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride.

### 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:

Direct sunlight, extremely high or low temperatures, and incompatible materials.

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### 10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

### 10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Phosphorus oxides. Sulfur oxides. Crystalline silica exists in several forms, the most common of which is quartz. If crystalline silica (quartz) is heated to more than 870 °C (1598 °F), it can change to a form of crystalline silica known as trydimite, and if crystalline silica (quartz) is heated to more than 1470 °C (2678 °F), it can change to a form of crystalline silica known as cristobalite. The OSHA PEL for crystalline silica as trydimite and cristobalite is one-half of the OSHA PEL for crystalline silica (quartz).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

**Likely routes of exposure:** Inhalation. Ingestion. Dermal. Eye contact.

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

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

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

**LD50 and LC50 Data:** No additional information available

**Skin Corrosion/Irritation:** Not classified

**Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** May cause cancer (Inhalation).

**Specific Target Organ Toxicity (Repeated Exposure):** Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (Inhalation).

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation. Cough, dyspnea (breathing difficulty), wheezing; decreased pulmonary function, progressive respiratory symptoms (silicosis). The lungs become very inflamed and may fill with fluid, causing severe shortness of breath and low blood oxygen levels. Inflammation, scarring, and symptoms progress faster in accelerated silicosis than in simple silicosis. Progressive massive fibrosis may occur in simple or accelerated silicosis, but is more common in the accelerated form. Progressive massive fibrosis results from severe scarring and leads to the destruction of normal lung structures.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

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

**Chronic Symptoms:** This product contains crystalline silica. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis; a seriously disabling and fatal lung disease, and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Pulmonary function may be reduced and pre-existing lung diseases such as: emphysema or asthma may be aggravated by inhalation exposure to dusts. Smoking aggravates the effects of exposure. Inhalation may lead to a progressive massive fibrosis which may be accompanied by right heart enlargement, heart failure, pulmonary failure of the lung and susceptibility to pulmonary tuberculosis

**Potential Adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

### 11.2. Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

<b>Quartz (14808-60-7)</b>	
<b>LD50 Oral Rat</b>	> 5000 mg/kg
<b>LD50 Dermal Rat</b>	> 5000 mg/kg
<b>Triethoxy(2,4,4-trimethylpentyl)silane (35435-21-3)</b>	
<b>LD50 Dermal Rat</b>	> 2000 mg/kg
<b>Perlite (93763-70-3)</b>	
<b>LD50 Oral Rat</b>	12960 mg/kg (Mouse)
<b>Barium sulfate (7727-43-7)</b>	
<b>LD50 Oral Rat</b>	> 5000 mg/kg
<b>3(2H)-Isothiazolone, 2-methyl- (2682-20-4)</b>	



# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

LD50 Oral Rat	120 mg/kg
LD50 Dermal Rabbit	242 mg/kg
LC50 Inhalation Rat	0.11 mg/l/4h
<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>	
LD50 Oral Rat	457 mg/kg
LD50 Dermal Rabbit	87.12 mg/kg
LC50 Inhalation Rat	0.33 mg/l/4h
<b>Quartz (14808-60-7)</b>	
IARC Group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecology - General: Not classified.

<b>Barium sulfate (7727-43-7)</b>	
EC50 Crustacea	32 mg/l
<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>	
LC50 Fish	0.09 mg/l
EC50 Crustacea	0.007 mg/l
ErC50 Algae	0.0107 (0.0107 – 0.0535) mg/l
NOEC Chronic Fish	0.02 mg/l
NOEC Chronic Crustacea	0.1 mg/l
NOEC Chronic Algae	0.00049 mg/l

### 12.2. Persistence and Degradability

<b>Stolit® Lotusan® Finish</b>	
Persistence and Degradability	Not established.

### 12.3. Bioaccumulative Potential

<b>Stolit Lotusan Finish</b>	
Bioaccumulative Potential	Not established.

### 12.4. Mobility in Soil

No additional information available

### 12.5. Other Adverse Effects

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, territorial, provincial, and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment.

## 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.

### 14.1. In Accordance with DOT

Not regulated for transport

### 14.2. In Accordance with IMDG

Not regulated for transport

### 14.3. In Accordance with IATA

Not regulated for transport

### 14.4. In Accordance with TDG

Not regulated for transport

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### SECTION 15: REGULATORY INFORMATION

#### 15.1. US Federal Regulations

<b>Stolit® Lotusan® Finish</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Health hazard - Carcinogenicity Health hazard - Respiratory or skin sensitization Health hazard - Specific target organ toxicity (single or repeated exposure)
<b>Limestone (1317-65-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Quartz (14808-60-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Triethoxy(2,4,4-trimethylpentyl)silane (35435-21-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>EPA TSCA Regulatory Flag</b>	PMN - PMN - indicates a commenced PMN substance.
<b>Barium sulfate (7727-43-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>3(2H)-Isothiazolone, 2-methyl- (2682-20-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>EPA TSCA Regulatory Flag</b>	PMN - PMN - indicates a commenced PMN substance. SP - SP - indicates a substance that is identified in a proposed Significant New Uses Rule.

#### 15.2. US State Regulations

##### California Proposition 65



**WARNING:** This product can expose you to Quartz, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Quartz (14808-60-7)	X			
Toluene (108-88-3)		X		
Methanol (67-56-1)		X		
Benzophenone (119-61-9)	X			
Diuron (330-54-1)	X			

<b>Limestone (1317-65-3)</b>	
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List	
<b>Quartz (14808-60-7)</b>	
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List	
<b>Perlite (93763-70-3)</b>	
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List	
<b>Barium sulfate (7727-43-7)</b>	
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List	

#### 15.3. Canadian Regulations

<b>Limestone (1317-65-3)</b>
Listed on the Canadian NDSL (Non-Domestic Substances List)

# Stolit® Lotusan® Finish

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

<b>Quartz (14808-60-7)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Triethoxy(2,4,4-trimethylpentyl)silane (35435-21-3)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Perlite (93763-70-3)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Barium sulfate (7727-43-7)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>3(2H)-Isothiazolone, 2-methyl- (2682-20-4)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>
Listed on the Canadian DSL (Domestic Substances List)

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

**Date of Preparation or Latest Revision** : 01/05/2023

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

### GHS Full Text Phrases:

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H310	Fatal in contact with skin
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H331	Toxic if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350	May cause cancer
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

*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.*