

## Safety Data Sheet

Material Name: LiquiSeal Surfacing Sand (50lbs)

Product #: 330899

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

LiquiSeal Surfacing Sand

**Synonyms**

Surfacing Sand

**Chemical Family**

Silicon Dioxide

**Product Use**

Surfacing Sand

**Restrictions on Use**

For industrial use only.

**Manufacturer Information**

Carlisle SynTec

1285 Ritner Highway

Carlisle, PA 17013 USA

Phone: +1-800-479-6832

Emergency Phone #: +1-800-424-9300 (Chemtrec)

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### Section 2 - HAZARDS IDENTIFICATION

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Classification in accordance with paragraph (d) of 29 CFR 1910.1200.



GHS08 Health hazard

Carc. 1B H350 May cause cancer

STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure



GHS07

STOT ST 3 H335 May cause respiratory irritation

**Label Elements**

**GHS Label Elements**

This product is classified and labeled according to the Globally Harmonized System (GHS).

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**Signal Word**

Danger

**Hazard-determining Components of Labeling**

Quartz (SiO<sub>2</sub>).

**Hazard Statement(s)**

May cause cancer.

May cause respiratory irritation.

Causes damage to organs through prolonged or repeated exposure.

**Precautionary Statement(s)**

Wear protective gloves/protective clothing/eye protection/face protection.

Wash thoroughly after handling.

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

Use only outdoors or in a well-ventilated area.

Obtain special instructions before use.

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

Do not breathe dust.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Call a POISON CENTER/doctor if you feel unwell.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**WHMIS-symbols:**

D2A – Very toxic material causing other toxic effects



**NFPA ratings (scale 0 - 4):**



Health = 0

Fire = 0

Reactivity = 0

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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#### Chemical characterization: Mixtures

**Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous Components		
14808-60-7	Quartz (SiO <sub>2</sub> )	60-100%

**Additional Information:** Exact concentrations are being withheld as trade secrets.

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### Section 4 - FIRST AID MEASURES

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#### General information:

No special measures required.

#### After Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

#### After Skin Contact:

Immediately rinse with water.

#### After Eye Contact:

Rinse opened eye for several minutes under running water.

#### After Swallowing:

If symptoms persist consult doctor.

#### Most Important Symptoms and Effects, both Acute and Delayed:

No further relevant information available.

#### Indication of any Immediate Medical Attention and Special Treatment needed:

No further relevant information available.

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### Section 5 - FIRE FIGHTING MEASURES

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#### Suitable Extinguishing Agents:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### Special Hazards Arising from the Substance or Mixture:

No further relevant information available.

#### Protective Equipment:

No special measures required.

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### Section 6 - ACCIDENTAL RELEASE MEASURES

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**Personal Precautions, Protective Equipment and Emergency Procedures**

Not required.

**Environmental Precautions**

No special measures required.

**Methods and Materials for Containment and Cleaning Up**

Pick up mechanically.

**Reference to other sections:**

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

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### Section 7 - HANDLING AND STORAGE

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**Precautions for Safe Handling**

No special measures required.

**Information about protection against explosions and fires:**

No special measures required.

**Storage**

**Requirements to be met by storerooms and receptacles:**

No special requirements.

**Information about storage in one common storage facility:**

Not required.

**Further Information about Storage Conditions:**

None.

**Special End Use(s):**

No further relevant information available.

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Additional information about design of technical systems:** No further data; see item 7.

Component with limit values that require monitoring at the workplace:	
14808-60-7 Quartz (SiO <sub>2</sub> )	
EL	Long-term value: 0.025 mg.m <sup>3</sup> ACGIH A2; IARC 1
EV	Long-term value: 0.10* mg/m <sup>3</sup> *respirable fraction

**Additional Information:**

The lists that were valid during the creation were used as basis.

**Personal Protective Equipment**

**General Protective and Hygienic Measures:**

The usual precautionary measures for handling chemicals should be followed.

**Breathing Equipment:**

Use suitable respiratory protective device in case of insufficient ventilation.

**Protection of Hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Material of Gloves:**

Protective gloves not normally required. People with sensitive skin may prefer to wear water-proof gloves, such as rubber or neoprene, to avoid skin contact.

**Eye Protection:**

Not required.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Solid	<b>Color</b>	According to product specification
<b>Odor</b>	Odorless	<b>Odour threshold</b>	Not determined
<b>pH-value</b>	Not applicable	<b>Change in condition</b> <b>Melting point/Melting range</b> <b>Boiling point/Boiling range</b>	Undetermined 2230 °C
<b>Flash point</b>	Not applicable	<b>Ignition temperature</b> <b>Decomposition temperature</b>	Not determined

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<b>Auto igniting</b>	Product is not selfigniting	<b>Danger of explosion</b>	Product does not present an explosion hazard
<b>Explosion limits</b> <b>Lower:</b> <b>Upper:</b>	Not determined Not determined	<b>Vapor pressure</b>	Not applicable
<b>Density</b> <b>Vapour density</b> <b>Evaporation rate</b>	Not determined Not applicable Not applicable	<b>Solubility in / Miscibility with Water</b>	Insoluble
<b>Viscosity</b> <b>Dynamic</b> <b>Kinematic</b>	Not applicable Not applicable	<b>Solvent content</b> <b>Organic solvents</b>	0.0%
<b>Solids content</b> <b>Other information</b>	100.0% No further relevant information available		

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### Section 10 - STABILITY AND REACTIVITY

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**Thermal Decomposition/Conditions to be Avoided:**

No decomposition if used according to specifications.

**Possibility of Hazardous Reactions**

No dangerous reactions known.

**Conditions to Avoid**

No further relevant information available.

**Incompatible Materials**

No further relevant information available.

**Hazardous decomposition products**

No dangerous decomposition products known.

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### Section 11 - TOXICOLOGICAL INFORMATION

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**Information on Toxicological Effects:**

**Acute Toxicity**

**Specific Symptoms in Biological Assay:**

No further relevant information available.

**Primary Irritant Effect:**

**On the skin:** No irritant effect.

**On the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

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### Additional Toxicological Information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### Carcinogenic Categories

IARC (International Agency for Research on Cancer)		
14808-60-7	Quartz (SiO <sub>2</sub> )	1
NTP (National Toxicology Program)		
14808-60-7	Quartz (SiO <sub>2</sub> )	K
OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

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## Section 12 - ECOLOGICAL INFORMATION

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### Aquatic Toxicity:

No further relevant information available.

### Persistence and Degradability:

No further relevant information available.

### Bioaccumulative Potential:

No further relevant information available.

### Mobility in Soil:

No further relevant information available.

### Additional Ecological Information

#### General Notes:

Generally not hazardous for water.

#### Other Adverse Effects:

No further relevant information available.

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## Section 13 - DISPOSAL CONSIDERATIONS

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### Waste Treatment Methods

#### Recommendation:

Smaller quantities can be disposed of with household waste.

### Uncleaned Packagings:

#### Recommendations:

Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

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### Section 14 - TRANSPORT INFORMATION

<b>UN-Number</b>	
<b>DOT, TDG, AND, IMDG, IATA</b>	Not Regulated
<b>UN proper shipping name</b>	
<b>DOT, TDG, AND, IMDG, IATA</b>	Not Regulated
<b>Transport hazard class(es)</b>	
<b>DOT, TDG, AND, IMDG, IATA Class</b>	Not Regulated
<b>Packing group</b>	
<b>DOT, TDG, IMDG, IATA</b>	Not Regulated
<b>Environmental hazards:</b>	
<b>Marine pollutant:</b>	No
<b>Special precautions for user:</b>	Not applicable
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable.
<b>US "Model Regulation":</b>	-

### Section 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture  
Sara

<b>Section 355 (extremely hazardous substances)</b>
None of the ingredients is listed.
<b>Section 313 (Specific toxic chemical listings)</b>
None of the ingredients is listed.
<b>TSCA (Toxic Substance Control Act)</b>
All ingredients are listed.

#### Proposition 65

<b>Chemicals known to cause cancer:</b>
14808-60-7   Quartz (SiO <sub>2</sub> )
<b>Chemicals known to cause reproductive toxicity for females:</b>
None of the ingredients is listed.
<b>Chemicals known to cause reproductive toxicity for males:</b>
None of the ingredients is listed.
<b>Chemicals known to cause developmental toxicity:</b>
None of the ingredients is listed.



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### Carcinogenic Categories

<b>EPA (Environmental Protection Agency):</b>		
None of the ingredients is listed.		
<b>TLV (Threshold Limit Value established by ACGIH):</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	A2
<b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	

### Canadian Substance Listings

<b>Canadian Domestic Substances List (DSL)</b>	
All ingredients are listed.	
<b>Canadian Ingredient Disclosure List (Limit 0.1%):</b>	
None of the ingredients is listed.	
<b>Canadian Ingredient Disclosure List (Limit 1%)</b>	
14808-60-7	Quartz (SiO <sub>2</sub> )

### GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS)

### Hazard Pictograms



GHS07

GHS08

### Signal Word:

Danger

### Hazard-determining Components of Labeling:

Quartz (SiO<sub>2</sub>)

### Hazard Statements:

May cause cancer.

May cause respiratory irritation.

Causes damage to organs through prolonged or repeated exposure.

### Precautionary Statements:

Wear protective gloves/protective clothing/eye protection/face protection.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this produce.

Use only outdoors or in a well-ventilated area.

Obtain special instructions before use.

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

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Do not breathe dust.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF exposed or concerned: Get medical advice/attention.

Call a POISON CENTER/doctor if you feel unwell.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

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### Section 16 - OTHER INFORMATION

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#### NFPA Ratings

Health: 0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### Summary of Changes

Revision Date: October 03, 2018

Revision Note: General Update

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of



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Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### **Other Information**

#### **Disclaimer:**

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.