

Safety Data Sheet

Material Name: LiquiSeal Surfacing Sand (50lbs)

Product #: 330899

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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

Versico LLC

1285 Ritner Highway

Carlisle, PA 17013

USA

Phone: +1-800-479-6832

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

Section 2 - HAZARDS IDENTIFICATION

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 (SiO₂).

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.

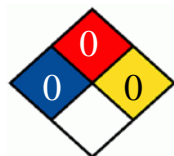
Dispose of contents/container in accordance with local/regional/national/international regulations.

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

Chemical characterization: Mixtures

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

Dangerous Components		
14808-60-7	Quartz (SiO ₂)	60-100%

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

Section 4 - FIRST AID MEASURES

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.

Section 5 - FIRE FIGHTING MEASURES

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Suitable Extinguishing Agents:

CO₂, 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.

Section 6 - ACCIDENTAL RELEASE MEASURES

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.

Section 7 - HANDLING AND STORAGE

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):

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No further relevant information available.

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 (SiO₂)	
EL	Long-term value: 0.025 mg.m ³ ACGIH A2; IARC 1
EV	Long-term value: 0.10* mg/m ³ *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.

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Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	Color	According to product specification
Odor	Odorless	Odour threshold	Not determined
pH-value	Not applicable	Change in condition Melting point/Melting range Boiling point/Boiling range	Undetermined 2230 °C
Flash point	Not applicable	Ignition temperature Decomposition temperature	Not determined
Auto igniting	Product is not selfigniting	Danger of explosion	Product does not present an explosion hazard
Explosion limits Lower: Upper:	Not determined Not determined	Vapor pressure	Not applicable
Density Vapour density Evaporation rate	Not determined Not applicable Not applicable	Solubility in / Miscibility with Water	Insoluble
Viscosity Dynamic Kinematic	Not applicable Not applicable	Solvent content Organic solvents	0.0%
Solids content Other information	100.0% No further relevant information available		

Section 10 - STABILITY AND REACTIVITY

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

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No further relevant information available.

Hazardous decomposition products

No dangerous decomposition products known.

Section 11 - TOXICOLOGICAL INFORMATION

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.

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 ₂)	1
NTP (National Toxicology Program)		
14808-60-7	Quartz (SiO ₂)	K
OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

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.

Section 13 - DISPOSAL CONSIDERATIONS

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.

Section 14 - TRANSPORT INFORMATION

UN-Number	
DOT, TDG, AND, IMDG, IATA	Not Regulated
UN proper shipping name	
DOT, TDG, AND, IMDG, IATA	Not Regulated
Transport hazard class(es)	
DOT, TDG, AND, IMDG, IATA	
Class	Not Regulated
Packing group	
DOT, TDG, IMDG, IATA	Not Regulated
Environmental hazards:	
Marine pollutant:	No

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Special precautions for user:	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
US "Model Regulation":	-

Section 15 - REGULATORY INFORMATION

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

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

Proposition 65

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

Carcinogenic Categories

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

Canadian Substance Listings

Canadian Domestic Substances List (DSL)
All ingredients are listed.
Canadian Ingredient Disclosure List (Limit 0.1%):

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None of the ingredients is listed.	
Canadian Ingredient Disclosure List (Limit 1%)	
14808-60-7	Quartz (SiO ₂)

GHS label elements

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

Hazard Pictograms



Signal Word:

Danger

Hazard-determining Components of Labeling:

Quartz (SiO₂)

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.

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.

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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

Date of preparation / last revision:

10/23/2014 / 2

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 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



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