

Safety Data Sheet

Prepared in accordance with GHS standard
Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019

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Section 1: Identification

Product Identifier (Name) Gem-Gard SL/SX ST WB™

Relevant identified uses of the chemical and restriction on use

The "Relevant" use identified is provided solely to conform to Governmental requirements and is not included in the manufacturer's published data and specifications. The complete information on identified uses is not available now, and the Safety Data Sheet ("SDS") will be updated, as it becomes available.

Details of the supplier of the safety data sheet

Manufacturer Gemite Products Inc.
1787 Drew Road, Mississauga, Ontario, L5S 1J5, Canada
Telephone (905) 672-2020
Emergency telephone number 905 672 2020

Other means of identification
Chemical family Waterborne siloxane, concrete and masonry sealer

Section 2: Hazard(s) identification

HAZARD CLASSIFICATION:

Skin corrosion/irritation Category 2

GHS LABEL ELEMENTS (including precautionary statements):

Symbol:



Signal Word: Warning

Hazard Risk Statement: H315: Causes skin irritation

Precautionary Statement:

Prevention: P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash (hands and exposed skin) thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/ protective clothing/eye protection/face protection.

Response: P305+P351 + P313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P350: IF ON SKIN: Wash with plenty of soap and water.

Storage: P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal: P501: Dispose of contents/container in accordance with local / regional / national / international regulations.

Section 3: Composition/information on ingredients

Hazardous ingredients

Chemical Name	CAS #	Concentration	GHS Classification
Triethoxyoctyl silane	2943-75-1	10-20%	Skin corrosion/irritation: Cat. 2
Ethyl alcohol	64-17-5	<0.1	Skin corrosion/irritation: Cat. 2

Section 4: First-aid measures

Description of First Aid measures

Eyes: Immediately flush with water for 15 minutes. Obtain medical attention if irritation occurs.

Skin: Remove contaminated clothing and wash with soap and water. Obtain medical attention if irritation occurs.

Inhalation: If first aid is required move victim to fresh air.

Ingestion: Do not induce vomiting and obtain medical attention immediately.

Protection of first-aiders: No hazards which require special first aid measures.

Notes to physician: Treat symptomatically.

Section 5: Fire-fighting measures

Suitable Extinguishing Media: Carbon dioxide, dry powder, foam, or water spray. Water can be used to cool fire exposed containers.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Chemical: Silicon Dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

Special Protective Actions for Fire-Fighters: Self-contained breathing apparatus and protective clothing should be worn in fighting

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fires involving chemicals. Use water spray to cool fire exposed containers.

Section 6: Accidental release measures

Personal Precautions and Protective Equipment: Avoid eye and skin contact. Use personal protective equipment.

Environmental Precautions: Prevent from entering drains or water sources.

Containment/Clean up: Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents.

Section 7: Handling and storage

Handling Precautions: Avoid eye and skin contact. Do not take internally. Use with adequate ventilation. Wash after handling. Exercise good industrial hygiene practice.

Storage Conditions: Keep container tightly closed and away from oxidizing materials. Store away from water or moisture.

Materials to avoid: no data available

Section 8: Exposure controls/personal protection

ENGINEERING CONTROLS:

Local Ventilation: Recommended.

General ventilation: Recommended.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory protection: In the case of vapour formation use a respirator with an approved filter.

Hand protection: Chemical protective gloves are recommended (Rubber, Neoprene, or Nitrile).

Eye protection: Use proper protection - safety glasses as a minimum.

Skin protection: Impervious clothing.

Hygiene measures: Observe good industrial hygiene practices. Wash after handling.

Note: These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precaution

Section 9: Physical and chemical properties

Appearance:	opaque liquid
Color:	white or colored when tinted
Odor:	faint
Odor Threshold:	no data available
Flash point:	> 100 °C (Pensky-Martens closed cup)
Ignition temperature:	not determined
Decomposition temperature:	not determined
Lower explosion limit (Vol%):	no data available
Upper explosion limit (Vol%):	no data available
Flammability (solid, gas):	not applicable
Oxidizing properties:	none
Autoignition temperature:	not applicable
Melting point/range:	not applicable
Boiling point/boiling range:	no data available
Vapor pressure:	no data available
Density at 73 °F (23 °C)	cca.1.0 g/cm ³
Viscosity, dynamic:	no data available
Viscosity, kinematic:	no data available
Relative vapor density:	no data available
Evaporation rate:	no data available
Burning rate:	not applicable

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Section 10: Stability and reactivity

Chemical Stability: Stable.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizing material can cause a reaction.

Hazardous Decomposition Products: The following decomposition products may form during fire or at very high temperatures: Carbon Oxides, Silicon dioxide, Formaldehyde, and traces of incompletely burned carbon compounds.

Section 11: Toxicological information

LIKELY ROUTES OF EXPOSURE:

Respiratory: Exposure is expected.

Oral: Exposure is expected.

Eye, Skin: Exposure is expected.

INFORMATION ON THE HEALTH HAZARDS:

Acute Toxicity:

Eyes: Direct contact may cause temporary redness and discomfort.

Skin: Direct contact may cause temporary redness and discomfort.

Inhalation: Excessive inhalation may cause respiratory irritation.

Ingestion: Repeated ingestion or swallowing large amounts may injure internally.

Chronic Toxicity:

Skin: No known applicable information.

Inhalation: No known applicable information.

Ingestion: Repeated ingestion or swallowing large amounts may injure internally.

Other Health Hazard No known applicable information.

Skin Corrosion/Irritation: No known applicable information.

Serious Eye Damage/Irritation: No known applicable information.

Respiratory Sensitization: No known applicable

Skin Sensitization: No known applicable information.

Carcinogenicity: No known applicable information.

Germ Cell Mutagenicity: No known applicable information.

Reproductive Toxicity: No known applicable information.

Specific Target Organ: No known applicable information. (Systemic Toxicity – Single exposure)

Specific Target Organ: No known applicable information. (Systemic Toxicity – Repeated exposure)

Aspiration Hazard: No known applicable information.

Section 12: Ecological information

ECOTOXICITY:

Environmental Effects

Acute: No adverse effects on aquatic organisms.

Chronic: No adverse effects on aquatic organisms.

PERSISTENCE AND DEGRADABILITY:

Degradation: In soil, siloxanes are degraded.

Environmental Fate and Distribution: Siloxanes are removed from water by sedimentation sewage or binding to sludge.

BIOACCUMULATIVE POTENTIAL:

Bioaccumulation: No bioaccumulation potential.

MOBILITY IN SOIL:

None known.

OTHER ADVERSE EFFECTS:

None known.

Section 13: Disposal considerations

Waste from residues: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport information

DOT: not dangerous goods

IATA: not dangerous goods

IMDG: not dangerous goods

Special precautions for user: no data available

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Section 15: Regulatory information

CHEMICAL INVENTORIES:

TSCA: (USA) All ingredients are on the inventory.
DSL: (Canada) Some ingredient(s) are not on the inventory.
EINECS: (EU) All ingredients are on or exempted (polymer) from the inventory.
AICS: (Australia) Some ingredient(s) are not on the inventory.
IECSC: (China) Some ingredient(s) are not on the inventory.
MITI: (Japan) Some ingredient(s) are not on the inventory.
KECL: (Korea) Some ingredient(s) are not on the inventory.
NZIoC: (New Zealand) Some ingredient(s) are not on the inventory.
CSNN: (Taiwan) Some ingredient(s) are not on the inventory.
PICCS: (Philippines) Some ingredient(s) are not on the inventory.

CANADA

This product has been classified in accordance with the hazard criteria of the CPR, and this MSDS contains all the information required by the CPR.

WHMIS Classification: CLASS D Division 2B

USA

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances (40 CFR 355): **None**
 Section 304 CERCLA Hazardous Substances (40 CFR 302): **None**
 Section 311/312 Hazard Class (40 CFR 370): Acute: **Yes**; Chronic: **Yes**; Fire: **No**; Pressure: **No**; Reactive: **No**
 Section 313 Toxic Chemicals (40 CFR 372): **None**

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: **None known.**

Massachusetts / New Jersey / Pennsylvania

Ethanol (CAS#64-17-5) < 0.1 %

Section 16: Other information

HMIS Classification

Health	1
Flammability	1
Physical Hazard	0
Personal Protection	X

Caution: HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

Notice to reader

The information contained in this Safety Data Sheet is based on our level of knowledge at the time of its preparation. Our most current Sales Terms & Conditions shall apply. Please consult the technical data sheet for the appropriate products, and current guide specifications and application instructions, prior to any use and processing.

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