

Safety Data Sheet



Section 1 - Product and Company Identification

Material Name * **SK-8245 Gardner Flat Roof Sealer**
Product Code * SK-8245
Product Description * White Liquid.
Product Use * White Elastomeric Roof Coating
Synonyms * White Roof Membrane
Manufacturer * Gardner Gibson
4701 E. 7th Avenue
Tampa, FL 33605
United States
www.gardner-gibson.com
Please use "Contact Us" form on the website
Telephone
Technical * 813-248-2101
Emergency * 800-424-9300
Emergency * 703-527-3887
Last Revision Date * 8/20/2020

Section 2 - Hazards Identification

Emergency Overview

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WARNING

Causes skin irritation.
Causes eye irritation.

GHS Classification:

Skin Irritation, Category 2
Eye Damage/Irritation, Category 2B

Prevention Wash hand and exposed areas of skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not handle until all safety precautions have been read and understood.

Response If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If exposed or concerned: Get medical advice/attention.

Storage/ Disposal Store in a closed container. Do not allow product to freeze. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.



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Potential Health Effects

Carcinogenic Effects			
	CAS	IARC	NTP
Titanium Dioxide	13463-67-7		

Section 3 - Composition/Information on Ingredients

Chemical Name	Identifiers	%(weight)	LD50/LC50
Calcium Carbonate	CAS: 1317-65-3	45.0%	
Siloxane Polymer	CAS: 68937-54-2	31.0%	
White Mineral Oil	CAS: 8042-47-5	11.0%	
Methyl Trimethyl Siloxane	CAS: 1185-55-3	3.0%	LD50 Oral, rat = 12,500 mg/kg
Cyclotetra Siloxane	CAS: 293-51-6	2.0%	LD50 Oral, rat = 1,540 mg/kg
Titanium Dioxide	CAS: 13463-67-7	6.0%	LD50 Oral, rat = 60 gm/kg
Fumed Silica	CAS: 112945-52-5	1.0%	
Aminopropyl Trimethoxy Silane	CAS: 13822-56-5	1.0%	LD50 Oral - rat - > 62.080 mg/kg

Non-Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

Section 4 - First Aid Measures

- Skin** * Rinse skin immediately with plenty of water for 15-20 minutes. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- Eye** * If eye irritation persists: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 5 - Fire Fighting Measures

- Extinguishing Media** * LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
- Unsuitable Extinguishing Media** * No data available.
- Firefighting Procedures** * Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
Keep unauthorized personnel away.
- Unusual Fire and Explosion Hazards** * Product containers may rupture when exposed to extreme heat. Precautions should be taken to prevent release of materials.
- Hazardous Combustion Products** * Non-combustible, substance itself does not burn but may decompose upon heating to produce toxic fumes.
- Protection of Firefighters** * Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
- Flash Point** * 245 F(118 C) CC (Closed Cup)

Section 6 - Accidental Release Measures

- Personal Precautions** * Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Emergency Procedures** * Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up.
- Environmental Precautions** * Avoid run off to waterways and sewers.
- Containment/Clean-up Measures** * Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use appropriate Personal Protective Equipment (PPE)
- Prohibited Materials** * Avoid contact with strong oxidizing agents and acids.

Section 7 - Handling and Storage

- Handling** * KEEP OUT OF THE REACH OF CHILDREN! Keep containers tightly closed when not in use.
- Storage** * Avoid extreme temperatures and freezing. Keep container/package tightly closed and in a well-ventilated place.
- Special Packaging Materials** * Not Applicable.
- Incompatible Materials or Ignition Sources** * Avoid contact with strong oxidizing agents and acids.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment

Pictograms



Respiratory

- * Use with adequate ventilation. A respirator is required. Use a NIOSH-approved air purifying respirator with organic vapor cartridge or supplied air respirator. This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

Eye/Face

- * Wear ANSI approved safety glasses with side shields or safety goggles.

Hands

- * Wear chemical resistant gloves with repeated or prolonged exposure.

Engineering Measures/Controls

- * Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use precaution to protect building intake from fumes and vapors created outdoors.

Exposure Limits/Guidelines					
	Result	Canada Ontario	Mexico	NIOSH	OSHA
Titanium Dioxide (13463-67-7)	TWAs	10 mg/m3 TWAEV (total dust)	10 mg/m3 TWA (as Ti)	10 mg/m3 - TWA	15 mg/m3 TWA (total dust)
Fumed Silica (112945-52-5)	TWAs	10 mg/m3-TWAEV		6 mg/m3-TWA	6 mg/m3-TWA

Section 9 - Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	White liquid with heavy consistency.
Color	White Liquid.	Odor	Paint-Like Odor.
Odor Threshold	No data available		
General Properties			
Boiling Point	>300 F	Specific Gravity/Relative Density	1.38 Water=1
pH	8 @ 25 C(77 F)		
Density	11.49 lbs/gal @ 25 C(77 F)	Water Solubility	Soluble 0 % @ 25 C(77 F)
Viscosity	8,000 cps. @ 25 C(77 F)		
Volatility			
Vapor Pressure	5.3 mmHg (torr) @ 20 C(68 F)	Vapor Density	> 1 Air=1

Evaporation Rate	< 0.7 Ether = 1	VOC (Vol.)	<10 g/L
Flammability			
Flash Point	245 F (118 C)	Flash Point Test Type	CC (Closed Cup)

Section 10 - Stability and Reactivity

Stability	* Stable under normal temperatures and pressures.
Hazardous Polymerization	* Hazardous polymerization not indicated.
Conditions to Avoid	* Excessive heat and freezing.
Incompatible Materials	* Strong oxidizers and acids.
Hazardous Decomposition Products	* No known issues under normal usage conditions.

Section 11 - Toxicological Information

Component Name	CAS	Data
Methyl Trimethyl Siloxane	1185-55-3	Acute Toxicity: LD50 Oral, rat = 12,500 mg/kg
Cyclotetra Siloxane	293-51-6	Acute Toxicity: LD50 Oral, rat = 1,540 mg/kg
Titanium Dioxide	13463-67-7	Acute Toxicity: LD50 Oral, rat = 60 gm/kg
Aminopropyl Trimethoxy Silane	13822-56-5	Acute Toxicity: LD50 Oral - rat - > 62.080 mg/kg

Section 12 - Ecological Information

Ecological Fate	* No data available.
Persistence/Degradability	* No data available.
Bioaccumulation Potential	* No data available.
Mobility in Soil	* No data available.
Other Information	* Do not allow product exposure to the ground or into any waterway. Do not allow entry into municipal sewer systems.

Section 13 - Disposal Considerations

Product	* Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
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Section 14 - Transportation Information

DOT - United States - Department of Transportation - Shipping Name: Not Regulated.

TDG - Canada - Transportation of Dangerous Goods - Shipping Name: Not Restricted.

IMO/IMDG - International Maritime Transport Shipping Name: Not Regulated.

International Air Transportation Association - Not Regulated

Section 15 - Regulatory Information

SARA Hazard Classifications * Acute, Chronic

Component	CAS	State Right To Know			
		MA	MN	NJ	PA
Calcium Carbonate	1317-65-3	No	No	Yes	Yes
White Mineral Oil	8042-47-5	No	No	Yes	Yes
Cyclotetra Siloxane	293-51-6	Yes	Yes	Yes	Yes
Methyltrimethyl Siloxane	1185-55-3	No	No	No	No
Titanium Dioxide	13463-67-7	Yes	Yes	Yes	Yes
Fumed Silica	112945-52-5	Yes	Yes	Yes	Yes
Aminopropyl Trimethoxy Silane	13822-56-5	No	No	Yes	Yes

Inventory			
Component	CAS	EU EINECS	TSCA
Calcium Carbonate	1317-65-3	Yes	Yes
White Mineral Oil	8042-47-5	Yes	Yes
Cyclotetra Siloxane	293-51-6	Yes	Yes
Methyltrimethyl Siloxane	1185-55-3	Yes	Yes
Titanium Dioxide	13463-67-7	Yes	Yes
Fumed Silica	112945-52-5	Yes	Yes
Aminopropyl Trimethoxy Silane	13822-56-5	Yes	Yes

Labor

Canada - WHMIS - Classifications of Substances

White Mineral Oil	8042-47-5	D2B
Cyclotetra Siloxane	293-51-6	D2B
Methyltrimethyl Siloxane	1185-55-3	D2B
Titanium Dioxide	13463-67-7	D2A

United States

Environment

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

White Mineral Oil	8042-47-5
Cyclotetra Siloxane	293-51-6
Methyltrimethyl Siloxane	1185-55-3

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

Cyclotetra Siloxane	293-51-6
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United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

Titanium Dioxide	13463-67-7
White Mineral Oil	8042-47-5
Cyclotetra Siloxane	293-51-6
Methyltrimethyl Siloxane	1185-55-3
Fumed Silica	112945-52-5
Aminopropyl Trimethoxy Silane	13822-56-5

Other Information

* WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Last Revision Date

* 8/20/2020

Disclaimer/Statement of Liability

* This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to verify the suitability and completeness of such information for particular use. Gardner-Gibson does not accept liability for any loss or damage that may occur from the use of this information.