

Safety Data Sheet



Section 1 - Product and Company Identification

Material Name	* Sta-Kool® 801 Ultra Premium White Elastomeric Roof Coating
Product Code	* SK-8015
Product Description	* White Liquid.
Product Use	* White Reflective Roof Coating
Synonyms	* White Elastomeric Roof Coating
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
<u>Emergency</u>	* 800-424-9300
<u>Emergency</u>	* 703-527-3887
Preparation Date	* 3/27/2020
Last Revision Date	* 3/27/2020

Section 2 - Hazards Identification

Emergency Overview

WARNING

Prevention	Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: 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.



Physical Form	* Liquid
Color	* White Liquid.
Odor	* Acrylic Paint-Like Odor.

Flash Point	* > 247 F(> 119.4444 C)
OSHA	* Irritant, Carcinogen
GHS	* Skin Corrosion/Irritation - Category 3, Eye Irritant - Category 2A, Carcinogenicity - Category 2

Statements of Hazard:
H319 Causes serious eye irritation
H317 May cause allergic skin reaction
H351 Suspected of causing cancer

Potential Health Effects

Inhalation

- Acute (Immediate)** * Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.
- Chronic (Delayed)** * Under normal conditions of use, no health effects are expected.

Skin

- Acute (Immediate)** * May cause irritation.
- Chronic (Delayed)** * Repeated and prolonged exposure to the skin may cause dermatitis.

Eye

- Acute (Immediate)** * Likely to cause eye irritation, burning, tearing, etc. on contact with the eyes. If swelling and irritation persist, seek medical attention.
- Chronic (Delayed)** * Direct contact may cause slight to moderate irritation.

Ingestion

- Acute (Immediate)** * May cause irritation. May affect the nervous system. May be harmful or fatal if swallowed.
- Chronic (Delayed)** * Repeated and prolonged exposure may cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.

Carcinogenic Effects			
	CAS	IARC	NTP
Titanium Dioxide	13463-67-7	Group 2-Possible Carcinogen	Evidence of Carcinogenicity

Section 3 - Composition/Information on Ingredients

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Acrylic Polymer Solution	CAS: 25085-34-1	40.0%			
Calcium Carbonate	CAS: 1317-65-3	40.0%			
Titanium Dioxide	CAS: 13463-67-7	8.0%	Ingestion/Oral-Rat LD50 · 60 gm/kg		
Propylene Glycol	CAS: 57-55-6	1.0%	Ingestion/Oral-Rat LD50 · 20 g/kg		
Ammonia	CAS: 1336-21-6	2.0%	Ingestion/Oral-Rat LD50 · 350 mg/kg		
Surfactant Additive	CAS: 98113-10-1	1.0 %			
Texanol Ester	CAS: 25265-77-4	1.0%	Ingestion/Oral-Rat LD50 · 3200 mg/kg		

Non-Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Water	CAS: 7732-18-5	7.0%			

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

Inhalation	* IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If signs/symptoms continue, get medical attention.
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.
Ingestion	* If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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	* > 247 F(> 119.4444 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

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Respiratory

* When used with adequate ventilation, a respirator is not normally required. If 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
Propylene Glycol (57-55-6)	TWAs	50 ppm TWAEV (total aerosol and vapour); 155 mg/m3 TWAEV (total aerosol and vapour); 10 mg/m3 TWAEV (for assessing the visibility in a work environment, aerosol only)	Not established	Not established	Not established
Texanol Ester (25265-77-4)	TWAs	50 ppm TWAEV (total aerosol and vapour); 155 mg/m3 TWAEV (total aerosol and vapour);			50 mg/m3 TWA
Titanium Dioxide (13463-67-7)	TWAs	10 mg/m3 TWAEV (total dust)	10 mg/m3 TWA (as Ti)	Not established	15 mg/m3 TWA (total dust)
Ammonia (1336-21-6)	TWAs	25 ppm	25 ppm	25 ppm	25 ppm
Calcium carbonate (1317-65-3)	TWAs	Not established	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Section 9 - Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	White liquid with the consistency of paint.
Color	White Liquid.	Odor	Pungent Paint-Like Odor.
Odor Threshold	No data available		
General Properties			
Boiling Point	212 to 245 F(100 to 118.3333 C)	Melting Point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	Not relevant
pH	8 @ 25 C(77 F)	Specific Gravity/Relative Density	1.33 Water=1
Density	12.4 lbs/gal @ 25 C(77 F)	Bulk Density	No data available
Water Solubility	Soluble 100 % @ 25 C(77 F)	Solvent Solubility	Not relevant
Viscosity	115 - 120 Krebs-Stormer (KU) @ 25 C(77 F)		

Volatility			
Vapor Pressure	0.1 mmHg (torr) @ 20 C(68 F)	Vapor Density	> 1 Air=1
Evaporation Rate	< 1 Ether = 1	VOC (Wt.)	No data available
VOC (Vol.)	< 40 g/L	Volatiles (Wt.)	No data available
Flammability			
Flash Point	> 247 F(> 119.4444 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
Water	7732-18-5	Acute Toxicity: orl-rat LD50:>90 mL/kg
Titanium Dioxide	13463-67-7	Acute Toxicity: orl-rat TDLo:60 gm/kg; Irritation: skn-hmn 300 ug/3D-I MLD
Propylene Glycol	57-55-6	Acute Toxicity: orl-rat LD50:20 gm/kg; skn-hmn TCLo:10 pph; skn-hmn TDLo:5 mg/kg/7D-I; Irritation: skn-hmn 500 mg/7D MLD
Texanol Ester	25265-77-4	Acute Toxicity: orl-rat LD50:3200 mg/kg; ihl-rat LC :>3500 mg/m3/6H
Ammonia	1336-21-6	Acute Toxicity: orl-rat LD50:350 mg/kg; ihl-rat LC :>350 mg/m3/6H

Other Component Information	* Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.
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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.

IATA - International Air Transportation Association - Not Regulated.

Section 15 - Regulatory Information

SARA Hazard Classifications * Acute, Chronic

State Right To Know					
Component	CAS	MA	MN	NJ	PA
Water	7732-18-5	No	No	No	No
Acrylic Polymer Solution	25085-34-1	No	No	No	No
Calcium Carbonate	1317-65-3	Yes	Yes	Yes	Yes
Titanium Dioxide	13463-67-7	Yes	Yes	Yes	Yes
Propylene Glycol	57-55-6	No	Yes	Yes	Yes
Ammonia	1336-21-6	Yes	Yes	Yes	Yes
Surfactant/Additive	98113-10-1	No	No	No	No
Texanol Ester	25265-77-4	No	No	No	No

Inventory			
Component	CAS	EU EINECS	TSCA
Water	7732-18-5	Yes	Yes
Acrylic Polymer Solution	25085-34-1	No	No
Calcium carbonate	1317-65-3	Yes	Yes
Titanium Dioxide	13463-67-7	Yes	Yes
Propylene Glycol	57-55-6	Yes	Yes
Ammonia	1336-21-6	Yes	Yes
Surfactant/Additive	98113-10-1	No	No
Texanol Ester	25265-77-4	Yes	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

- Calcium carbonate 1317-65-3 D2A
- Titanium Dioxide 13463-67-7 D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS website.)
- Propylene Glycol 57-55-6 Uncontrolled product according to WHMIS classification criteria
- Texanol Ester 25265-77-4 Uncontrolled product according to WHMIS classification criteria
- Ammonia 1336-21-6 Uncontrolled product according to WHMIS classification criteria

United States

Environment

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

- Calcium Carbonate 1317-65-3 Not Listed
- Titanium Dioxide 13463-67-7 Not Listed
- Propylene Glycol 57-55-6 Not Listed
- Texanol Ester 25265-77-4 Not Listed
- Ammonia 1336-21-6 Not Listed

United States - California

Environment

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

- Calcium Carbonate 1317-65-3 Not Listed
- Titanium Dioxide 13463-67-7 Not Listed
- Propylene Glycol 57-55-6 Not Listed
- Texanol Ester 25265-77-4 Not Listed
- Ammonia 1336-21-6 Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

- Calcium Carbonate 1317-65-3 Toxic
- Titanium Dioxide 13463-67-7 Toxic
- Propylene Glycol 57-55-6 Combustible
- Texanol Ester 25265-77-4 Not Listed
- Ammonia 1336-21-6 Not Listed

Other Information

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

Section 16 - Other Information

Preparation Date * 3/27/2020

Last Revision Date * 3/27/2020

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 user's 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.