

Safety Data Sheet

Revision Date: 08-13-2015
Product Code: 7860-LO

1. IDENTIFICATION

Product Name	WHITE RTV SILICONE - LOW ODOR
Product Code	7860-LO
Document ID	G7860-LO
Revision Number	2
Prior Version Date	06-08-2015
Intended Use	Roof Coating
Restrictions On Use	For Industrial Use Only
Chemical Family	Silicone Coating
Chemical Manufacturer / Importer	NEOGARD® - a Division of JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 International: 703-527-3887

2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

Hazard Pictograms



GHS Classification

Skin Sensitisation Category 1
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure
Category 1
Carcinogenicity Category 2
Flammable Liquid Category 3

Signal Word

Danger

Hazard Statements

Flammable liquid and vapour. May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust, fume, mist, vapours or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection and face protection. Use personal protective equipment as required.

Safety Data Sheet

Revision Date: 08-13-2015

Product Code: 7860-LO

Response	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF exposed or concerned: Get medical attention. Get medical attention if you feel unwell. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. In case of fire: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray for extinction.
Storage	Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards Not Otherwise Classified (HNOC)	Not applicable
Additional Information	Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Component</u>	<u>CAS #</u>	<u>%</u>
Quartz (Silica-Crystalline)	14808-60-7	10 - 30
Stoddard solvent	8052-41-3	10 - 30

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Thoroughly wash or discard clothing and shoes before reuse.
Ingestion	If swallowed, do not induce vomiting. Get medical attention immediately. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
Most Important Acute Symptoms and Effects	Not Available
Most Important Delayed Symptoms and Effects	Not Available
Special treatment needed:	No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.
Unsuitable Extinguishing Media	No data available
Fire and/or Explosion Hazards	Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors

Safety Data Sheet

Revision Date: 08-13-2015

Product Code: 7860-LO

**Hazardous Combustion Products
Special Protective Equipment and
Precautions for Fire-Fighters**

are heavier than air and may travel to a source of ignition and flash back. Container may explode in heat of fire.

Material will burn in a fire.

Carbon dioxide, Carbon monoxide, Hydrocarbons

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

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

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

**Methods and Material for Containment
and Cleaning Up**

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing.

Conditions for Safe Storage

Store in a cool dry place. Keep container(s) closed. Keep away from sources of ignition.

**Materials to Avoid/Chemical
Incompatibility**

Oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
Quartz (Silica-Crystalline)	see Table Z-3	0.05 mg/m ³ TWA (respirable fraction)	
Stoddard solvent	500 ppm TWA; 2900 mg/m ³ TWA	100 ppm TWA; 572 mg/m ³ TWA	
Titanium dioxide	15 mg/m ³ TWA (total dust)	10 mg/m ³ TWA	

**Appropriate
Engineering Controls
Respiratory Protection**

Use local exhaust ventilation or other engineering controls to minimize exposure.

General or local exhaust ventilation is the preferred means of protection. In cases where

Safety Data Sheet

Revision Date: 08-13-2015

Product Code: 7860-LO

	ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.
Eye Protection	Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.
Skin Protection	Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.
General Hygiene Conditions	As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State	Liquid
Color	White
Odor	Hydrocarbon, Characteristic
Odor Threshold	No data available
pH	No data available
Melting Point/Freezing Point (°F/°C)	No data available / No data available
Initial Boiling Point and Boiling Range	
Low (°F)	350.0
High (°F)	400.0
Flash Point (°F/°C)	106 / 41
Evaporation Rate	0.05
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	6.0 %
Lower Flammable/Explosive Limit	1.0
Vapor Pressure	1.00
Vapor Density	5.30 (air = 1)
Relative Density	2.250
Solubility in Water	Negligible; 0-1%
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Volatiles, % by volume	37.33
Volatiles, % by weight	22.73
Volatile Organic Chemicals (g/L)	
(Regulatory, Calculated)	245.97
(Actual, Calculated)	225.66
Density	11.09 - 11.29 lbs./Gal

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition. Contamination.
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	Carbon dioxide, Carbon monoxide, Hydrocarbons

11. TOXICOLOGICAL INFORMATION

Routes of Exposure	Inhalation Eye contact Skin contact Ingestion
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Safety Data Sheet

Revision Date: 08-13-2015
Product Code: 7860-LO

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract. May cause respiratory tract irritation.

Inhalation Toxicity Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea.

Skin Contact Can cause moderate skin irritation. May cause allergic skin reaction.

Eye Contact Causes eye irritation. Can cause substantial eye irritation.

Ingestion Toxicity Harmful if swallowed. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Long-Term (Chronic) Health Effects

Carcinogenicity Cancer hazard: Contains Crystalline Silica, which can cause cancer. Risk of cancer depends on duration and level of exposure to dust generated from sanding surfaces or spray mists. Contains Titanium Dioxide which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence with respect to humans and sufficient evidence in experimental animals.

Inhalation Overexposure may cause lung damage. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Overexposure may cause central nervous system effects.

Skin Contact Prolonged contact may cause an allergic skin reaction.

Skin Absorption Upon prolonged or repeated exposure, harmful if absorbed through the skin.

Product Toxicology Data

Inhalation Vapor Acute Toxicity Estimate (ATE) 38.49 mg/L

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Quartz	Oral LD50 Rat > 22,500 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 20.00 mg/L
Stoddard solvent	Oral LD50 Rat > 15,000 mg/kg	Dermal LD50 Rabbit > 3400 mg/kg	Inhalation LC50 Rat > 13.10 mg/L
Titanium dioxide	Oral LD50 Rat > 25,000 mg/kg	Dermal LD50 Rabbit > 10,000 mg/kg	Inhalation LC50 (4h) Rat > 6.82 mg/L
Decamethylcyclopentasiloxane	Oral LD50 Rat > 5000 mg/kg		
(d)-Limonene	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 5000 mg/kg	

Carcinogen Information

Chemical Name	IARC Carcinogen	OSHA Carcinogen	NTP Carcinogen
Quartz	1		1
Titanium dioxide	2B		

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available) No data available

Mobility in soil No data available

Safety Data Sheet

Revision Date: 08-13-2015
Product Code: 7860-LO

13. DISPOSAL CONSIDERATIONS

Safe Handling of Waste

Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Paint
Hazard Class: 3
UN Number: UN1263
Packing Group: III
Other: Not regulated for non-bulk domestic ground shipments for packaging of 450 liters (119 gallons) or less (DOT 49CFR 173.150(f)).

IATA Air Shipping Name: Paint
IATA Hazard Class: 3
IATA UN Number: UN1263
IATA Packing Group: III

IMO Shipping Name: Paint
IMO Hazard Class: 3
IMO UN Number: UN1263
IMO Packing Group: III

Marine Pollutant: N

15. REGULATORY INFORMATION

TSCA Status All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

Regulated Components

<u>SARA EHS Chemicals</u>	<u>CAS #</u>	<u>%</u>
Ethylenediamine	107-15-3	0.001- 0.01

CERCLA

Not applicable

SARA 313

Not applicable

SARA 311/312

Health (Acute):	Y
Health (chronic):	Y
Fire (Flammable):	Y
Pressure:	N
Reactivity:	N

U. S. State Regulations:

California Prop 65 Chemicals

<u>Cancer</u>	<u>CAS #</u>	<u>%</u>
Crystalline Silica	14808-60-7	10 - 30
Titanium dioxide	13463-67-7	3 - 7

Safety Data Sheet

Revision Date: 08-13-2015
Product Code: 7860-LO

Cumene	98-82-8	0.001- 0.01
Benzene	71-43-2	< 10 ppm
Reproductive		
Methyl Alcohol	67-56-1	0.001- 0.01
Benzene	71-43-2	< 10 ppm

Canadian Regulations:

CEPA DSL: The components of this product ARE listed on the Canadian Domestic Substances List.

WHMIS Hazard Class: B3 D2A

16. OTHER INFORMATION

Revision Date 08-13-2015

Disclaimer This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.