

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : **Silicone Skylight Sealant**
PRODUCT GRADE/TYPE : **SILICONE SKYLIGHT SEALANT**
SDS NUMBER : J253-SIL-G-024
PRODUCT USE : Solvent Free Silicone Coatings
MANUFACTURER : National Coatings Corporation
1201 Calle Suerte
Camarillo, CA 93012
www.nationalcoatings.com
PRODUCT INFORMATION : 1-800-423-9557
CHEMTREC NORTH AMERICA : 1-800-424-9300
CHEMTREC INTERNATIONAL : 703-527-3887

SECTION II – HAZARDS IDENTIFICATION

GHS HAZARD SYMBOLS



Signal Word: **WARNING!**

GHS CLASSIFICATION(S):

Skin Irritation Category 2
Eye Irritation Category 2A
Skin Sensitization Category 1
Reproductive Toxicity Category 2
Chronic Aquatic Toxicity Category 2

HAZARD STATEMENT(S):

H315: Causes skin irritation
H319: Causes serious eye irritation
H317: May cause an allergic skin reaction
H361: Suspected of damaging fertility or the unborn child
H412: Harmful to aquatic life with long lasting effects

PREVENTION STATEMENT(S):

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENT(S):

P308+P313: IF exposed or concerned: Get medical advice/attention.
 P302+P352: IF ON SKIN: Wash with plenty of water.
 P321: Specific treatment (See Section 4 of this SDS).
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364: Take off contaminated clothing and wash it before reuse.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.

STORAGE STATEMENT(S):

P403+P233: Store in a well-ventilated place. Keep container tightly closed.
 P405: Store locked up.

DISPOSAL STATEMENT(S):

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

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

This product does not meet the criteria for PBT or vPvB in accordance with Annex XIII

ACUTE: This material may cause irritation to skin, eye, and respiratory system. May cause skin sensitization. Ingestion of this product may cause gastrointestinal irritation. This product contains an ingredient(s) that are suspected of causing reproductive harm.

CHRONIC: Prolonged or repeated skin contact may cause skin reactions.

TARGET ORGANS: ACUTE: Eye, Skin CHRONIC: Skin

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %	Hazard Classification
Liquid Silicone Polymer	*Trade Secret	75 – 85	Not Classified
Octamethylcyclotetrasiloxane	556-67-2	5 – 15	Reproduction, CAT 2 Aquatic Chronic, CAT 2
2-Butanone,O,O',O''-(Methylsilylydyne)Trioxime	22984-54-9	1 – 10	Skin Irritation, CAT 2 Eye Irritation, CAT 2A Skin Sensitization, CAT 1
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).			

* Ingredients are Company Trade Secret – Business Confidential. National Coatings Corporation is withholding the specific chemical information under provision of the OSHA Hazard Communication Rule Trade Secrets (1910.1200(i)(1)). The specific chemical information will be made available to health professionals in accordance with 29 CFR 1910.1200 (i)(1) (2) (3) (4)..

SECTION IV – FIRST AID MEASURES

Eye Contact: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from eyeball to ensure thorough rinsing. Get immediate medical attention.

Skin Contact: Itching or burning of the skin. Immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Get immediate medical attention.

Inhalation: Remove exposed person from source of exposure to fresh air. If not breathing, clear airway and start cardiopulmonary resuscitation (CPR). Get medical attention immediately.

Ingestion: If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

Medical Conditions Aggravated by Exposure: Pre-existing skin, or eye problems may be aggravated by exposure to this product

Recommendations to Physicians: Treat symptoms and reduce over-exposure

SECTION V – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use carbon dioxide, foam, dry chemical, halon, water spray, sand, limestone powder.

Unusual Fire and Explosion Hazards: This material has been tested to ASTM D-4206 Standard and found not to sustain combustion

Explosion Sensitivity to Mechanical Impact: Not Sensitive

Explosion Sensitivity to Static Discharge: Not Sensitive

Special Protective Action for Fire-Fighters: Water should be used to cool fire-exposed containers, structures and to protect personnel. Use water to dilute spills and flush them away from sources of ignition. Do not flush down sewers or other drainage systems. Exposed fire-fighters must wear NIOSH approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.

Environmental Precautions: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods of Cleaning Up: Contain spills immediately with inert materials (e.g. sand).
Transfer liquids and solid like material to separate suitable containers for recovery or disposal.

SECTION VII – HANDLING AND STORAGE

Precautions for safe handling:

Avoid breathing dust, vapor or mist. Avoid contact with skin or clothing. Avoid contact with eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Use personal protective equipment in handling and observe personal hygiene after use of the product.

Conditions for Safe Storage: Keep containers tightly closed in a dry and cool place.
Keep container closed when not in use. Protect from freezing.

Storage Period: 12 months

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Component	CAS #	ACGIH TWA	OSHA TWA	WEEL
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Liquid Silicone Polymer	Non-Hazardous	Not Listed	Not Listed	Not Listed
Octamethylcyclotetrasiloxane	556-67-2	Not Listed	Not Listed	Not Listed
2-Butanone, O,O',O''-(Methylsilylydyne)Trioxime	22984-54-9	Not Listed	Not Listed	Not Listed

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

Ventilation and Engineering Controls: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

Protective Measures: Employees should wash their hands and face before eating, drinking or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available.

Eye/Face Protection: Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133.

Skin Protection: Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138.

Respiratory Protection: Use only with ventilation to keep levels below exposure guidelines reported in this document. If not sure, and/or not able to monitor, use State or Federally approved supplied air-respirator. Wear suitable respirator (MSHA/NIOSH approved or equivalent) where exposure limits are exceeded.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid
Odor:	Mild odor
Odor threshold:	Not available
Melting Point/Freezing Point:	Not available
Boiling Point/Boiling Range:	Not available
Flash Point:	> 200°F
Evaporation Rate:	<1 (nBuAc = 1)
Flammability:	Not available
Upper/Lower Flammability or Explosive Limits:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	Not available
Solubility in Water:	Not available
Partition Coefficient (n-octanol/water):	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not determined
VOC Content (g/l):	Not available

Note: The above data are typical values and must not be construed as a specification.

SECTION X – STABILITY AND REACTIVITY

Reactivity:	Non-reactive
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	None known.
Conditions/Materials to Avoid:	Avoid moisture. Avoid direct sunlight. Avoid excessive temperatures.
Incompatible Materials:	None known.
Hazardous Decomposition:	When heated to decomposition this product produces noxious gases such as CO, CO ₂ and others.

SECTION XI – TOXICOLOGICAL INFORMATION

Toxicity Data: Toxicity data is available for this product:

CAS# 13463-67-7	LD50 Acute Oral	>10000 mg/kg	Rat
CAS# 112945-52-5	LD50 Acute Oral	3160 mg/kg	Rat
CAS# 556-67-2	LD50 Inhalation	>12.7 mg/kg/4Hr	Rat
CAS# 556-67-2	LD50 Acute Oral	1540 mg/kg	Rat
CAS# 556-67-2	LD50 Acute Dermal	>2400 mg/kg	Rat

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion / irritation	Skin Irritation Category 2
Serious eye damage / irritation	Eye Irritation Category 2A
Respiratory or skin sensitization	Skin Sensitization Category 1
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Reproductive Category 2
STOT – single exposure	Specific Target Organ Toxicity – Single Exposure (Respiratory Irritation)
STOT – repeated exposure	Based on available data, the classification criteria are not met
Aspiration Hazard	Based on available data, the classification criteria are not met

Suspected Cancer Agent: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore are not considered to be, or suspected to be a cancer-causing agent by these agencies.

Irritancy of Product: Contact with this product can be irritating to exposed skin, eyes, and respiratory system.

Sensitization of Product: This product is considered a skin sensitizer.

Reproductive Toxicity Information: Octamethylcyclotetrasiloxane CAS# 556-67-2 is listed by the European Chemical Commission as a reproductive hazard causing harmful effects to fertility or the unborn child.

Specific Target Organ Toxicity – Single Exposure: None known

Specific Target Organ Toxicity – Repeated Exposure: None known

Aspiration Hazard: None

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity:

No specific data is available for this product on environmental stability, effect on plants or animals nor on aquatic life. However, release of this product may have long term effect on the aquatic environment.

Specific Component Data:

Octamethylcyclotetrasiloxane (556-67-2)

Test and Species conditions:

96 Hr LC50 Brachydanio rerio >500 mg/L

96 Hr LC50 Lepomis macroshirus >1000 mg/L

24 Hr EC50 Daphnia magna 25.2 mg/L

Persistence and Degradability, Bioaccumulative Potential, Mobility in Soil: Not available for other components and mixtures in the products listed.

SECTION XIII – DISPOSAL INFORMATION

Environmental Precautions:

Preparing Wastes for Disposal: Waste disposal must be in accordance with appropriate Federal, State and local regulations, those of Canada, Australia, EU members States and Japan.

RCRA Waste Code: None Listed.

EU Waste Code Not Listed.

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Empty Container Precautions: Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning.

SECTION XIV – TRANSPORT INFORMATION

US DOT; IATA; IMO; ADR:

This product is NOT classified as Dangerous Good as defined by 49 CFR 172.101 by the U.S. Department of Transportation.

Proper Shipping Name : Non-regulated

UN Number : Not applicable

Transport Hazard Class : None

Packing Group : None

Land Transport (DOT) : Non-Regulated (No labels required)

North American Emergency Response Guidebook Number: (2016) – Non-Marine Pollutant: not classified as Marine Pollutant (as defined by 49 CFR 172.0101, Appendix B

Sea Transport (IMDG) : This product is not classified as Dangerous Goods by the International Maritime Organization.

Air Transport (ICAO/IATA) : Not classified as Dangerous Goods, by rules of IATA

Transport Canada, Transportation of Dangerous Goods Regulations : Not classified as Dangerous Goods, per regulations of Transport Canada.

International Maritime Organization (IMO) designation: Not classified as Dangerous Goods by Maritime Organization.
European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR); Not classified as Dangerous Goods by the United Nations Economic Commission for Europe.

Harmonized Tariff Code : Unknown

Special Precautions : No data available

SECTION XV – REGULATORY INFORMATION

UNITED STATES REGULATIONS:

SARA Reporting Requirements: This product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows:

Unites States TSCA Inventory (U.S. TSCA): All components of this product are in compliance with the inventory listing requirement of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA 311/312:

Acute Health: Yes Chronic Health: Yes Fire: No Reactivity: No

CERCLA Information (40CFR302.4): None

U.S. SARA Threshold Planning Quantity: There are no specific Threshold Planning Quantities for this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lb (4540 kg) may apply per 40CFR 370.20:

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): The components of this product are not listed on the Prop 65 lists.

Canadian Regulations:

Canadian DSL/NDSL Inventory Status: All of the components of this product are on the DSL inventory.

Canadian Environmental Protection Act (CEPA) Priorities Substances List: None

Canadian WHMIS Classification and Symbols: This product complies with WHMIS 2015

European Economic Community Information:

EU Labeling and Classification: Classification of the mixture according to Regulation (EC) No1272/2008. See Section 2 for details.

Other information: All of the components of this product are listed or exempt from listing of the Chemical Inventories of the following countries: Australia (AICS), Japan (MITI and ENCS), Korea (ECL), Philippines (PICCS) and Swiss Giftlist List of Toxic Substances.

SECTION XVI – OTHER INFORMATION

HMIS III Rating:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0

HMIS Legends:

0	Not significant	3	High
1	Slight	4	Extreme
2	Moderate	*	Chronic

Legend:

Acronym	Meaning
ACGIH	American Conference of Governmental Hygienists
OSHA	Occupational Safety Health Administration
SARA	Superfund Amendment Reauthorization Act
TRI	Toxic Release Inventory
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
DOT	Department of Transportation
IMDG	International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
IATA	International Air Transport Association
TSCA	U.S.A's Toxic Substances Control Act
DSL	Canada's Domestic Substances List

AICS	Australian Inventory of Chemical Substances
ENCS	Japan Inventory of Existing and Notified Substances
ISHL	Japan ISHL Existing Substances List
KECL	Korea's Existing Chemicals List
PICCS	Philippine Inventory of Chemicals and Chemical Substances
IECSC	Inventory of Existing Chemical Substances in China

The information in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. The information relates only to the specific material designated and may not be valid for such material used in combination with or any other material in any process, unless specified in the test.

Version #: GHS-024

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Supersedes Last Revision: 07/27/2016

This SDS adheres to the standards and regulatory requirements of the United States and has been written under the guidance of the Globally harmonized System of Classification and Labeling of Chemicals.

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