



# SAFETY DATA SHEET

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Revision Date

Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS Product Identifier

Product Name: Silicone Roof Sealant

### Other Means of Identification

Product Code(s): H3858

SKU#:

Synonyms: None

### Recommended Use of the Chemical and Restrictions on Use

Recommended Use: No information available.

Uses Advised Against: For Exterior Use Only

### Manufacturer's Details

#### Manufacturer Address

ThorWorks Industries, Inc.

2520 S. Campbell St.

Sandusky, OH 44870

[www.sealbest.com](http://www.sealbest.com)

1-800-326-1994

Emergency Telephone Number Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION


### Classification

This product is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

### GHS Label Elements, Including Precautionary Statements

#### Emergency Overview

<b>Signal Word</b> <ul style="list-style-type: none"><li>• Causes skin irritation</li><li>• Causes serious eye irritation</li></ul> 	<b>Warning</b>	<b>Appearance:</b> White	<b>Physical State:</b> Liquid	<b>Odor:</b> Slight
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### Precautionary Statements

- |                   |  |
|-------------------|--|
| <b>Prevention</b> | <ul style="list-style-type: none"><li>• Wash face, hands, and any exposed skin thoroughly after handling.</li><li>• Wear protective gloves/protective clothing/eye protection/face protection</li></ul>                          |
| <b>Ingestion</b>  | <ul style="list-style-type: none"><li>• If SWALLOWED; Call a POISON CENTER or doctor/physician if you feel unwell.</li><li>• Rinse mouth</li></ul>   |
| <b>IF IN EYES</b> | <ul style="list-style-type: none"><li>• Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.</li></ul> |
| <b>IF ON SKIN</b> | <ul style="list-style-type: none"><li>• Wash with plenty of soap and water. If skin irritation occurs: Get medical attention/advice. Take off contaminated clothing and wash before reuse.</li></ul>                             |

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Unknown acute toxicity**

63% of this mixture consists of ingredients of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %	Trade Secret
Poly[oxy(dimethylsilylene)]	9016-00-6	5-35	*
Nepheline syenite	37244-96-5	10-45	*
Polysiloxanes	Proprietary	10-45	*
Titanium Dioxide	13463-67-7	0-10	*
2-Butanone, O,O,O-(methylsilylydyne)trioxime	22984-54-9	1-10	*
Silica, amorphous, fumed, crystalline-free	112945-52-5	1-10	*

\*The exact percentage of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of Necessary First-Aid Measures****General Advice**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.

**Eye Contact**

Rinse thoroughly with plenty of water. After initial rinsing, remove any contact lenses and continue rinsing for at least 15 minutes. Keep eye open while rinsing. If symptoms persist, call a physician.

**Skin Contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.

**Inhalation**

Move to fresh air. If breathing is irregular, or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.

**Ingestion**

Drink plenty of water. Do NOT induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

**Self-protection of the first aider**

Use personal protective equipment as required.

**Most Important Symptoms/Effects, Acute and Delayed****Most Important Symptoms/Effects**

May cause redness and tearing of the eyes. May cause skin irritation.

**Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary****Notes to Physician**

Treat Symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**Carbon Dioxide (CO<sub>2</sub>), Dry Chemical, Dry Sand, Alcohol-resistant Foam.**Unsuitable Extinguishing Media** The use of water spray when fighting fire may be inefficient.**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating and toxic gasses and vapors.

**Explosion Data****Sensitivity to Mechanical Impact**

None

**Sensitivity to Static Discharge**

None

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure- demand MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment, and Emergency Procedures****Personal Precautions:**

Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

### Environmental Precautions

#### **Environmental Precautions:**

See Section 12 for additional Ecological Information. Prevent product from entering waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

### Methods and Materials for Containment and Cleaning Up

#### **Methods for Containment:**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Cleaning Up:**

Cover liquid spill with sand, earth or other non-combustible absorbent material. Use personal protective equipment as required. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### **Handling:**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Wear personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling.

### Conditions for Safe Storage, Including Any Incompatibilities

#### **Storage:**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

#### **Incompatible Products:**

Strong oxidizing agents. Strong acids. Strong Bases.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium Dioxide 13463-67-7	TWA 10 mg/m <sup>3</sup>	TWA 15 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>

### Appropriate Engineering Controls

#### **Engineering Measures:**

Showers  
Eyewash Stations  
Ventilation Systems

### Individual Protection Measures, such as Personal Protective Equipment

#### **Eye/Face Protection:**

Wear safety glasses with side shields (or goggles).

#### **Skin and Body Protection:**

Wear protective gloves and protective clothing.

#### **Respiratory Protection:**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### **Hygiene Measures:**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

**Physical State:** Liquid  
**Odor:** Slight

**Appearance:** White  
**Odor Threshold:** No Information Available

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	6-11	
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	> 100° C	
Flash Point	> 100° C	Pensky-Martens Closed Cup (PMCC)
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Specific Density	1.2 – 1.3	
Water Solubility	Insoluble in water	
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known

Viscosity	No data available	None known
Flammable Properties	No data available	
Explosive Properties	Not an explosive	
Oxidizing Properties	Not applicable	
VOC Content	No data available	

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal processing.
<b>Conditions to Avoid:</b>	Elevated temperatures. Incompatible products.
<b>Incompatible Materials:</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition can lead to release of irritating and toxic gasses and vapors.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

<b>Inhalation:</b>	No data available
<b>Eye Contact:</b>	Severely irritating to the eyes.
<b>Skin Contact:</b>	Irritating to the skin.
<b>Ingestion:</b>	No data available

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Polysiloxanes	> 15,400 mg/kg (Rat)	> 16 mL/kg (Rabbit)	> 8750 mg/m <sup>3</sup> (Rat) 7 h
Silica, amorphous, fumed, crystalline-free 112945-52-5	= 3160 mg/kg (Rat)	-	-
Titanium Dioxide 13463-67-7	> 10,000 mg/kg (Rat)	-	-

### Symptoms Related to the Physical, Chemical, and Toxicological Characteristics

**Symptoms:** May cause redness and tearing of the eyes. May cause skin irritation.

### Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure

<b>Sensitization:</b>	No information available.
<b>Mutagenic Effects:</b>	No information available.
<b>Carcinogenicity:</b>	This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IRAC	NTP	OSHA
Silica, amorphous, fumed, crystalline-free 112945-52-5	-	Group 3	-	-
Titanium Dioxide 13463-67-7	-	Group 2B	-	X

**ACGIH:** (American Conference of Governmental Industrial Hygienists)

**IRAC:** (International Agency for Research on Cancer)

**NTP:** (National Toxicity Program)

**OSHA:** (Occupational Safety & Health Administration)

<b>Reproductive Toxicity:</b>	May impair fertility.
<b>STOT - Single Exposure:</b>	Target Organs. Eyes. Skin.
<b>STOT – Repeated Exposure:</b>	No information available.
<b>Target Organ Effects</b>	Eyes, Skin
<b>Aspiration Hazard:</b>	No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

79% of the mixture consists of components of unknown hazards to the aquatic environment.

<b>Persistence and Degradability:</b>	No information available.
<b>Bioaccumulation:</b>	Bioaccumulation potential
<b>Other Adverse Effects:</b>	No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Disposal should be in accordance with applicable regional, national, and local laws and regulations.

**Contaminated Packaging:** Do not re-use containers.

**14. TRANSPORTATION INFORMATION**

**DOT:** Not regulated  
**TDG:** Not regulated  
**IATA:** Not regulated  
**IMDG:** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** – Complies  
**DSL/NDSL** – Complies  
**EINECS/ELINCS** - Complies  
**IECSC** – Complies  
**KECL** – Complies  
**PICCS** – Complies  
**AICS** – Complies

**Legend**

**TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**IECSC** – China Inventory of Existing Chemical Substances  
**KECL** – Korean Existing and Evaluated Chemical Substances  
**PICCS** – Philippines Inventory of Chemicals and Chemical Substances  
**AICS** – Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65:** This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Titanium Dioxide - 13463-67-7	Carcinogen

**U.S. State Right-To-Know Regulations**

"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Titanium Dioxide	X	X	X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number:** Not applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazard: 1</b>	<b>Flammability: 1</b>	<b>Instability: 0</b>	<b>Physical and Chemical Hazards- Personal Protection: X</b>
<b><u>HMIS</u></b>	<b>Health Hazard: 1</b>	<b>Flammability: 1</b>	<b>Physical Hazard: 0</b>	

**Revision Date:** 22-Feb-2017  
**Revision Note:** No information available.

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.