



# Safety Data Sheet

Revision Date: 01-Jan-22

Revision Date:

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Paintable Silicone White

### Other means of identification

**SDS #** RD-0201 0985

**Product Code** 0985

### Recommended use of the chemical and restrictions on use

**Recommended Use** An advanced, low-VOC, All-Purpose Sealant w/ a specially formulated technology allowing it to be exposed to water after only 2 hrs w/o washing out.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Red Devil, Inc.  
4175 Webb Street  
Pryor, Oklahoma 74361  
www.reddevil.com

### Emergency Telephone Number

**Company Phone Number** 918-825-5744  
Fax: 918-825-5761  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** White paste

**Physical State** Paste

**Odor** Slight

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Calcium Carbonate	471-34-1	<60
Proprietary MS Polymer Blend	MIXTURE	<30
Diisodecyl phthalate	26761-40-0	<30
Vinyltrimethoxysilane	2768-02-7	<3
Titanium dioxide	13463-67-7	<10
Non-hazardous Ingredients*	Proprietary	<10
Crystalline silica	14808-60-7	<1

\* Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). (Calcium Carbonate, Titanium Dioxide) Inhalation of particulates unlikely due to product's physical state. Crystalline Silica (as Quartz) present @ low levels in Calcium Carbonate filler.

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
<b>Skin Contact</b>	In case of contact, immediately wash skin with soap and water or water for at least 15 minutes. Remove and wash contaminated clothing before reuse. If irritation persists, seek medical attention.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention.
<b>Ingestion</b>	If swallowed, do not induce vomiting. Get medical attention immediately.

#### Most important symptoms and effects

<b>Symptoms</b>	Prolonged or repeated skin contact may result in dermatitis (red, dry skin). Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness and discomfort. Irritating to mouth, throat, and stomach if ingested. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Overexposure to vapors during application and curing may mildly irritate respiratory tract and result in coughing and sneezing.
-----------------	--

#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Provide general supportive measures and treat symptomatically. May aggravate pre-existing skin disorders.
---------------------------	---

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<b>Small Fire</b>	Use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray.
<b>Large Fire</b>	Dry chemical, Use foam or water spray.

**Unsuitable Extinguishing Media** Not determined.

### **Specific Hazards Arising from the Chemical**

Product is combustible & may ignite if exposed to high temperature or direct flame.

### **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. Use water spray to keep fire-exposed containers cool.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>Other Information</b>	Small Spills: 1 drum or less – Level D Equipment (gloves, chemical resistant apron, boots & eye protection). Large Spills: Rubber gloves, rubber boots, face shield & Tyvek suit as a minimum. Minimum level of PPE for releases in which the oxygen level is < 19.5% or is unknown, should be Level B: triple gloves (rubber gloves & nitrile gloves over latex gloves), chemical resistant suit, fire-retardant clothing & boots, hard hat & self-contained breathing apparatus.
<b>For Emergency Responders</b>	Restrict access to spill area.
<b>Environmental Precautions</b>	Minimize use of water to prevent environmental contamination. Prevent spill or rinse from contaminating storm drains, sewers, soil or groundwater. Do not allow discharge containing this material to enter streams, ponds, estuaries, oceans or other waters unless in accordance w/ requirements of National Pollutant Discharge Elimination System (NPDES) permit & permitting authority has been notified in writing prior to discharge. Do not allow discharge containing this material to enter sewer systems w/o previously notifying local sewage treatment plant authority. For information, contact State Water Board or EPA Regional Office Other: U.S. regulations may require reporting of spills of this material reaching surface waters if sheen is formed.

### **Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so. Use absorbent material to contain spill.
<b>Methods for Clean-Up</b>	Sweep up absorbed material and shovel into suitable containers for disposal. Wash area with soap and water. For waste disposal, see section 13 of the SDS.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

<b>Advice on Safe Handling</b>	Avoid breathing vapors. Use only with adequate ventilation. Open windows & doors to ensure fresh air cross-ventilation during application and curing. Wash thoroughly with soap and water after handling. Avoid contact with skin, eyes or clothing. While handling product keep out of reach of children and pets. Do not eat or drink while handling this material. See section 6 of this SDS for clean up instructions. Remove contact lenses before using & do not handle contact lenses until all sealant has been cleaned from fingertips, nails & cuticles. Residual sealant may transfer to contact lenses & result in severe eye irritation.
--------------------------------	---

### **Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep tightly closed in a dry and cool place. Close container after each use. Store containers away from excessive heat & freezing. Do not store @ temperatures above 120 ° F. Protect from direct sunlight. Store away from incompatible materials. To maximize shelf life, store @ temperatures below 26C (80F).
<b>Incompatible Materials</b>	Strong bases, Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** Exposure guidelines / protective equipment are for routine handling and accidental spills

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate 471-34-1	-	-	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>
Crystalline silica 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable fraction	(vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust

### Appropriate engineering controls

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations & standards.

**Skin and Body Protection** Skin: Wear chemical impervious gloves (eg: Nitrile or Neoprene). Use triple gloves for spill response. If necessary, refer to appropriate regulations & standards.

Body: Use protection appropriate for task (eg: lab coat, coveralls, Tyvek suit). If necessary, refer to OSHA Technical Manual (Sec. VII: Personal Protective Equipment) or appropriate Standards of Canada. Use foot protection, as described in appropriate regulations & standards.

**Respiratory Protection** In event of insufficient ventilation, suitable respirator should be used. NIOSH-approved air purifying respirator w/ organic vapor canister may be necessary under circumstances of airborne concentrations exceeding exposure limits. Respirator program meeting OSHA 1910.134 & ANSI Z88.2 requirements should be followed when workplace conditions warrant respirator use.

**General Hygiene Considerations** Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse.

Precautionary Measures: Contact lenses may pose a hazard. Soft lenses may absorb & all lenses may concentrate irritants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Paste		
<b>Appearance</b>	White paste	<b>Odor</b>	Slight
<b>Color</b>	White	<b>Odor Threshold</b>	Not determined
<b>Property</b>	<b>Note: The information below is not intended for use in preparing product specifications</b>	<b>Remarks • Method</b>	
<b>pH</b>	Not applicable		
<b>Melting Point/Freezing Point</b>	< 0 °C / <32 °F		
<b>Boiling Point/Boiling Range</b>	Not applicable		
<b>Flash Point</b>	> 93.33 °C / > 200 °F	CC (closed cup)	
<b>Evaporation Rate</b>	Slower than n-Butyl Acetate		
<b>Flammability (Solid, Gas)</b>	Not determined		
<b>Upper Flammability Limits</b>	Not established		
<b>Lower Flammability Limit</b>	Not established		
<b>Vapor Pressure</b>	Not established		
<b>Vapor Density</b>	Heavier than air		
<b>Specific Gravity</b>	1.25-1.75	@ 25 °C (77 °F)	
<b>Water Solubility</b>	Not Established		
<b>Solubility in other solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined		
<b>Autoignition Temperature</b>	Not established		
<b>Decomposition Temperature</b>	Not determined		
<b>Kinematic Viscosity</b>	Not determined		
<b>Dynamic Viscosity</b>	Not determined		
<b>Explosive Properties</b>	Not determined		
<b>Oxidizing Properties</b>	Not determined		
<b>VOC Content (%)</b>	< 2%		
<b>VOC Content</b>	<35 g/L		

## 10. STABILITY AND REACTIVITY

### Reactivity

Cures upon contact with air.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### Conditions to Avoid

Incompatible Materials. Excessive heat or cold.

### Incompatible Materials

Strong bases, Strong oxidizing agents.

### Hazardous Decomposition Products

No hazardous decomposition products if stored & handled as prescribed.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Product Information**

#### **Eye Contact**

Eye contact may result in tearing, redness & pain.

<b>Skin Contact</b>	Prolonged and frequent contact may cause redness and irritation. Repeated skin contact may cause dermatitis.
<b>Inhalation</b>	Overexposure to vapors during application & curing may mildly irritate respiratory tract & result in coughing & sneezing.
<b>Ingestion</b>	May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium Carbonate 471-34-1	= 6450 mg/kg ( Rat )	-	-
Diisodecyl phthalate 26761-40-0	= 64 g/kg ( Rat )	> 2900 mg/kg ( Rat ) > 3160 mg/kg ( Rabbit )	> 12.54 mg/L ( Rat ) 4 h
Vinyltrimethoxysilane 2768-02-7	= 7340 µL/kg ( Rat )	= 3360 µL/kg ( Rabbit )	-
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-
Crystalline silica 14808-60-7	= 500 mg/kg ( Rat )	-	-

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** Not known to be human skin or respiratory sensitizers.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. Titanium dioxide is a possible carcinogen when it appears as a respirable dust. Crystalline Silica is considered to be a human carcinogen when in respirable form (dust / powder).

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7		Group 2B		X
Crystalline silica 14808-60-7	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Chronic toxicity** Repeated or prolonged exposure may result in skin, respiratory, kidney & liver damage. Prolonged & repeated skin contact may result in irritation & possibly dermatitis.

**Target organ effects** Acute: Eyes & Skin. Chronic: Skin.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Diisodecyl phthalate 26761-40-0	500: 72 h Desmodesmus subspicatus mg/L EC50 0.8: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	1: 96 h Pimephales promelas mg/L LC50 flow-through 0.55: 96 h Lepomis macrochirus mg/L LC50 static 10000: 96 h Leuciscus idus mg/L LC50 static		500: 24 h Daphnia magna Straus mg/L EC50 0.02: 48 h Daphnia magna mg/L EC50 Static

### Persistence/Degradability

Not tested for persistence & biodegradability

### Bioaccumulation

Not tested for bio-accumulation potential

### Mobility

Not tested for mobility in soil

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

Not regulated

### IATA

Not regulated

### IMDG

Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

#### **TSCA**

Listed

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  
 ENCS - Japan Existing and New Chemical Substances  
 IECS - China Inventory of Existing Chemical Substances  
 KECL - Korean Existing and Evaluated Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and Chemical Substances

**US Federal Regulations****SARA 311/312 Hazard Categories**

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

**SARA 313**

Not determined

**CWA (Clean Water Act)**

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Diisodecyl phthalate 26761-40-0 (<30)		X		

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Diisodecyl phthalate - 26761-40-0	Developmental
Titanium dioxide - 13463-67-7	Carcinogen
Crystalline silica - 14808-60-7	Carcinogen

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Diisodecyl phthalate 26761-40-0			X
Titanium dioxide 13463-67-7	X	X	X
Crystalline silica 14808-60-7	X	X	X



