



Safety Data Sheet

Issue Date 05-Sep-2013

Revision Date: 01-Oct-2017

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Oil Based Glazing Compound

Other means of identification

SDS # RD-0054

Product Code 0661, 0662, 0664

Recommended use of the chemical and restrictions on use

Recommended Use No information available.

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

Appearance Off white putty

Physical State Solid

Odor Mild

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Calcium Carbonate	1317-65-3	<70
Non-hazardous Ingredients*	Proprietary	<10
Soybean Oil	8001-22-7	<10
Marine Oil	68389-85-5	<10
Titanium Dioxide	13463-67-7	<1
Talc	14807-96-6	<1

* Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). (Calcium Carbonate, Titanium Dioxide and Talc) Inhalation of particulates unlikely due to product's physical state.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment. Get medical attention for any significant overexposure.
Eye Contact	Flush w/ water for @ least 15 minutes until irritation subsides. Seek medical attention immediately.
Skin Contact	Wash w/ soap & water for @ least 15 minutes. Get medical attention if symptoms persist. Remove & wash contaminated clothing.
Inhalation	Remove to fresh air. If breathing is difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention.
Ingestion	Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

Most important symptoms and effects

Symptoms	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. Inhalation may cause irritation to respiratory tract. Dust from dry-sanding may cause eye, skin, nose, throat & respiratory tract irritation.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical. Water spray (fog). Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Some of these materials may burn, but most do not ignite readily.

Hazardous Combustion Products Carbon oxides. Nitrogen oxides (NOx).

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 Wear protective clothing as described in Section 8 of this safety data sheet.

For Emergency Responders Restrict access to spill area.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Use absorbent material to contain spill.

Methods for Clean-Up Scrape up & place in appropriate container. Wash area with soap and water. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Keep out of reach of children & pets. Do not take internally. Use only w/ adequate ventilation. Avoid breathing vapor & contact w/ eyes, skin & clothing. Wash thoroughly after handling. Open windows & doors or use alternative means to ensure ventilation & fresh air entry during application & drying.

Conditions for safe storage, including any incompatibilities

Storage Conditions Close container after each use. Store away from caustics & oxidizers. Store away from excessive heat & freezing. Store in original container, in a cool, dry area.

Incompatible Materials Strong bases. 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 1317-65-3	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Titanium Dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Talc 14807-96-6	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	(vacated) TWA: 2 mg/m ³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more, use Quartz limit	IDLH: 1000 mg/m ³ TWA: 2 mg/m ³ containing no Asbestos and <1% Quartz 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. Provide appropriate local exhaust ventilation if material is to be sanded.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Goggles or safety glasses w/ side shields.

Skin and Body Protection Skin: Wear chemical resistant rubber gloves for repeated or prolonged use.
Body: Not required w/ normal use.

Respiratory Protection Not required under normal conditions of use. Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on SDS. Follow manufacturer's directions for respirator use.

General Hygiene Considerations Wash hands w/ soap & water before breaks & @ end of workday. Remove & wash contaminated clothing prior to re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Mild
Appearance	Off white putty	Odor Threshold	Not determined
Color	White to slightly off-white		

<u>Property</u>	<u>Note: The information below is not intended for use in preparing product specifications</u>	<u>Remarks • Method</u>
pH	Not established	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not established	
Flash Point	> 93.33 °C / > 200 °F	(Seta Closed Cup)
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Unknown	
Lower Flammability Limit	Unknown	
Vapor Pressure	Not established	
Vapor Density	Heavier than air	
Specific Gravity	~1.5-2.50 (calculated)	@ 25 °C (77 °F)
Water Solubility	Insoluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content (%)	1.0%	
VOC Content	< 11 g/L	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

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. Oxidizing agents.

Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information****Eye Contact** Eye contact may result in tearing, redness & pain.**Skin Contact** Prolonged and frequent contact may cause redness and irritation. Repeated skin contact may cause dermatitis.**Inhalation** Inhalation may cause irritation to respiratory tract. Dust from dry-sanding may cause eye, skin, nose, throat & respiratory tract irritation.**Ingestion** May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium Dioxide 13463-67-7	> 10000 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 Silica, crystalline present in small amount in Calcium Carbonate filler: Known carcinogen. Titanium dioxide is a possible carcinogen when it appears as a respirable dust. Information on Titanium Dioxide – IARC (International Agency for Research on Cancer) has classified substance as Group 2B (possibly carcinogenic to humans). In long-term studies in rats in which substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalation exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats & mice in which the substance was given by feed a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium Dioxide 13463-67-7		Group 2B		X
Talc 14807-96-6		Group 3		

IARC (International Agency for Research on Cancer)
 Group 2B - Possibly Carcinogenic to Humans
 Group 3 IARC components are "not classifiable as human carcinogens"
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
 X - Present

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

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

PRACTICES SHOULD BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.
 not tested for aquatic or animal toxicity. Release of product to terrestrial, atmospheric & aquatic environments should be avoided.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Talc 14807-96-6		100: 96 h Brachydanio rerio g/L LC50 semi-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

Environmental Exposure Controls: Should be maintained so as to prevent release to the environment (atmospheric release, release to waterways & spills)

Ozone

Not expected to produce any ozone depletion

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.

US EPA Waste Number

Not Applicable

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
DSL	Listed
NDSL	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

IECSC - 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

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Not determined

US 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

Chemical Name	New Jersey	Massachusetts	Pennsylvania

Calcium Carbonate 1317-65-3	X	X	X
Soybean Oil 8001-22-7			X
Titanium Dioxide 13463-67-7	X	X	X
Talc 14807-96-6	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	1	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	1	0	X

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Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet