



# Safety Data Sheet

Issue Date 05-Sep-2013

Revision Date: 25-Sep-2013

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

|                       |                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment. Get medical attention for any significant overexposure.                           |
| <b>Eye Contact</b>    | Flush w/ water for @ least 15 minutes until irritation subsides. Seek medical attention immediately.                                   |
| <b>Skin Contact</b>   | Wash w/ soap & water for @ least 15 minutes. Get medical attention if symptoms persist. Remove & wash contaminated clothing.           |
| <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>      | Do not induce vomiting unless directed by medical personnel. Seek 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. Inhalation may cause irritation to respiratory tract. Dust from dry-sanding may cause eye, skin, nose, throat & respiratory tract irritation. |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Carbon dioxide (CO<sub>2</sub>). 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<br>1317-65-3 | -                                                                                                                  | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust                               |
| Titanium Dioxide<br>13463-67-7 | TWA: 10 mg/m <sup>3</sup>                                                                                          | TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust                                                                                                           | IDLH: 5000 mg/m <sup>3</sup>                                                                                   |
| Talc<br>14807-96-6             | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | (vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos<br>TWA: 20 mppcf if 1% Quartz or more, use Quartz limit                                        | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> 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**

|                       |                             |                       |                |
|-----------------------|-----------------------------|-----------------------|----------------|
| <b>Physical State</b> | Solid                       | <b>Odor</b>           | Mild           |
| <b>Appearance</b>     | Off white putty             | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | White to slightly off-white |                       |                |

| <b><u>Property</u></b>              | <b><u>Note: The information below is not intended for use in preparing product specifications</u></b> | <b><u>Remarks • Method</u></b> |
|-------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>pH</b>                           | Not established                                                                                       |                                |
| <b>Melting Point/Freezing Point</b> | Not determined                                                                                        |                                |
| <b>Boiling Point/Boiling Range</b>  | Not established                                                                                       |                                |
| <b>Flash Point</b>                  | > 93.33 °C / > 200 °F                                                                                 | (Seta Closed Cup)              |
| <b>Evaporation Rate</b>             | Not determined                                                                                        |                                |
| <b>Flammability (Solid, Gas)</b>    | Not determined                                                                                        |                                |
| <b>Upper Flammability Limits</b>    | Unknown                                                                                               |                                |
| <b>Lower Flammability Limit</b>     | Unknown                                                                                               |                                |
| <b>Vapor Pressure</b>               | Not established                                                                                       |                                |
| <b>Vapor Density</b>                | Heavier than air                                                                                      |                                |
| <b>Specific Gravity</b>             | ~1.5-2.50 (calculated)                                                                                | @ 25 °C (77 °F)                |
| <b>Water Solubility</b>             | Insoluble in water                                                                                    |                                |
| <b>Solubility in other solvents</b> | Not determined                                                                                        |                                |
| <b>Partition Coefficient</b>        | Not determined                                                                                        |                                |
| <b>Autoignition Temperature</b>     | Not determined                                                                                        |                                |
| <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>              | 1.0%                                                                                                  |                                |
| <b>VOC Content</b>                  | < 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<br>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<br>13463-67-7 |       | Group 2B |     | X    |
| Talc<br>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<br>14807-96-6 |                      | 100: 96 h Brachydanio rerio<br>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

|             |                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Note</b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>  | Not regulated                                                                                                               |
| <b>IATA</b> | Not regulated                                                                                                               |
| <b>IMDG</b> | Not regulated                                                                                                               |

## 15. REGULATORY INFORMATION

### International Inventories

|             |        |
|-------------|--------|
| <b>TSCA</b> | Listed |
| <b>DSL</b>  | Listed |
| <b>NDSL</b> | 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

|                                          |     |
|------------------------------------------|-----|
| <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  |

#### 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<br>1317-65-3 | X | X | X |
| Soybean Oil<br>8001-22-7       |   |   | X |
| Titanium Dioxide<br>13463-67-7 | X | X | X |
| Talc<br>14807-96-6             | X | X | X |

## 16. OTHER INFORMATION

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

**Issue Date** 05-Sep-2013  
**Revision Date:** 25-Sep-2013  
**Revision Note** New format

### 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**