**Material Safety Data Sheet**

**SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION**

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>Pre-Mixed Glazing Compound – Oil Based</th>
</tr>
</thead>
<tbody>
<tr>
<td>MANUFACTURER’S NAME &amp; TELEPHONE NUMBER</td>
<td>Red Devil, Inc. (918)825-5744</td>
</tr>
<tr>
<td>STREET ADDRESS</td>
<td>4175 Webb Street</td>
</tr>
<tr>
<td>CITY / STATE / ZIP</td>
<td>Pryor, Oklahoma 74361</td>
</tr>
</tbody>
</table>

**SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>PRODUCT CONSISTS OF:</th>
<th>%</th>
<th>TLV</th>
<th>PEL</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate ** (1317-65-3) (as nuisance particulate, total)</td>
<td>~81</td>
<td>10</td>
<td>15</td>
<td>mg/m³</td>
</tr>
<tr>
<td>Titanium Dioxide ** (13463-67-7) (as nuisance particulate, total)</td>
<td>~1</td>
<td>10</td>
<td>15</td>
<td>mg/m³</td>
</tr>
<tr>
<td>Non-Hazardous Ingredients *</td>
<td>~20</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

* Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). Calculated VOC: < 1%/wt. (< 11 g/L)  
** Inhalation of particulates unlikely due to product’s physical state

**SECTION 3 – HAZARDS IDENTIFICATION**

<table>
<thead>
<tr>
<th>PRIMARY ROUTE(S) OF ENTRY</th>
<th>Skin Contact</th>
<th>Skin Absorption</th>
<th>Eye Contact</th>
<th>Inhalation</th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMERGENCY OVERVIEW</td>
<td>Paste product w/ little or no odor. May cause eye, skin, nose, throat &amp; respiratory irritation. Harmful if swallowed or absorbed through the skin.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTS OF OVEREXPOSURE</td>
<td>Eye: May cause eye irritation. Skin: Harmful if absorbed through the skin. May cause skin irritation. Inhalation: Harmful if inhaled. Inhalation may cause irritation to respiratory tract. Dust from dry sanding may cause eye, skin, nose, throat &amp; respiratory tract irritation. Ingestion: Harmful if swallowed. Chronic Hazards: Prolonged/repeated skin contact may cause irritation &amp; possibly dermatitis. Repeated/prolonged exposure may cause respiratory system damage.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE</td>
<td>None known.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 4 – FIRST AID MEASURES**

| SKIN CONTACT | Wash w/ soap & water. Seek medical attention if irritation persists. Remove & wash contaminated clothing. |
| EYE CONTACT | Flush eyes w/ water for @ least 15 minutes until irritation subsides. Seek medical attention immediately. |
| INHALATION | Remove to fresh air. If breathing difficult, leave area to obtain fresh air. If continued, seek medical attention. |
| INGESTION | Do not induce vomiting. Seek medical attention immediately. |
## SECTION 5 – FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Flammable</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

### Extinguishing Media
- Carbon Dioxide, Dry Chemical, Foam.

### Flashpoint (°F) & Method
- > 200°F (Seta Closed Cup)

### Lower Explosive Limit (% by volume)
- NE

### Flashpoint (°F) & Method
- NE

### Unusual Fire & Explosion Hazards
- None known.

### Special Firefighting Procedures
- Self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) & full protective gear.
- Use water spray to cool exposed surfaces.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Procedures
- Wear proper protective equipment as specified in Sec. 8. Use absorbent material or scrape up & place in container.

## SECTION 7 – HANDLING & STORAGE

### Handling Procedures & Equipment
- 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.

### Storage Requirements
- 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.

## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

### Respiratory
- If insufficient ventilation, wear suitable respiratory equipment. A NIOSH-approved air purifying respirator w/ an organic vapor cartridge or canister may be necessary where airborne concentrations are expected to exceed exposure limits.

### Eye Wear
- Goggles or safety glasses w/ side shields.

### Clothing / Gloves
- Rubber gloves. Additional equipment not required under normal use.

### Hygienic Practices
- Remove & wash contaminated clothing before re-use. Wash hands before breaks & @ end of work shift.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor &amp; Appearance</td>
<td>Low odor. Off-white oil-based paste.</td>
</tr>
</tbody>
</table>

### Specific Gravity
- 1.5 to 2.5

### Evaporation Rate
- Slower than n-Butyl Acetate

### pH
- NE

### Vapor Pressure (mm Hg)
- NE

### Vapor Density (Air=1)
- HEAVIER THAN AIR

### Boiling Range (°F)
- NE

### Solubility In Water
- NE

### %/WT Volatile (TNV)
- NE

## SECTION 10 – STABILITY AND REACTIVITY

### Stability
- Stable under recommended storage conditions.

### Incompatibility
- Stable under recommended storage conditions.

### Conditions To Avoid
- Excessive heat & freezing

### Hazardous Polymerization/Hazardous Decomposition Products
- Normal decomposition products, ie: COx, NOx. Hazardous polymerization will not occur in normal conditions.
SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH
Titanium Dioxide not listed. Trace silica, crystalline present in calcium carbonate filler, a suspected human carcinogen.

OSHA
Titanium Dioxide not listed. Trace silica, crystalline present in calcium carbonate filler, a suspected human carcinogen.

IARC
Classification not possible w/ current information. Trace silica, crystalline present in calcium carbonate filler, classed as a human carcinogen.

NTP
Titanium Dioxide not listed.

DATA WITH POSSIBLE RELEVANCE TO HUMANS
Silica, crystalline known to the State of California to cause cancer.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY
Ecological injuries are unknown & are not expected w/ normal use.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL
Dispose of material in accordance w/ Federal, State & Local Regulations. State & Local Regulations may differ from Federal Regulations.
Waste Code: None.

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION
DOT Proper Shipping Name: Not Regulated. DOT Haz. Class: NA. DOT Packing Group: NA. DOT UN/NA No. NA. This shipping information is applicable for domestic ground transport only & different categories may apply if shipped via other modes of transportation &/or to non-domestic destinations.

SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY
Product reviewed according to EPA Haz. Categories under Sections 311 & 312 & is considered to meet the following: Immediate Health Hazard, Chronic Health Hazard.

SARA 313
None.

TSCA
All ingredients on TSCA Inventory List or exempt. Product contains the following, subject to reporting requirements of TSCA 12(B) if exported from U.S.: None.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

NJ Right-to-Know: The following materials are non-hazardous, but are among the top five ingredients: Soybean Oil Blend (Mixture).
Pennsylvania Right-to-Know: The following non-hazardous ingredients are present in the product @ > 3%: Soybean Oil Blend (Mixture).
California Prop 65: Silica, crystalline (small amount present in calcium carbonate filler), is defined by the State of California as carcinogenic. The following ingredients present in this product are known to the State of California to cause birth defects or other reproductive harm: None. HMIS Ratings: Health: 1, Flammability: 1, Reactivity: 0, Personal Protection: X. Titanium Dioxide: Added to Massachusetts Right to Know List, Minnesota Hazardous Substance List, New Jersey Right to Know List, Pennsylvania Right to Know List & Rhode Island Hazardous Substance List. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. LEGEND: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act

Reviewed By: ___Larry Brandon___ VP Technology & GM ___January 25, 2010___

NAME TITLE DATE

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