

Material Safety Data Sheet

**0661, 0662, 0664, 0668 Series
Glazing Compound - Oil Based**

MSDS No. 0054 Rev 2

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Pre-Mixed Glazing Compound – Oil Based		
MANUFACTURER'S NAME & TELEPHONE NUMBER	Red Devil, Inc.	(918)825-5744	
STREET ADDRESS	4175 Webb Street		
CITY / STATE / ZIP	Pryor, Oklahoma 74361		

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNITS
PRODUCT CONSISTS OF:				
Calcium Carbonate ** (1317-65-3) (as nuisance particulate, total)	~ 81	10	15	mg/m3
Titanium Dioxide ** (13463-67-7) (as nuisance particulate, total)	~ 1	10	15	mg/m3
Non-Hazardous Ingredients *	~ 20	NA	NA	
* Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910)				
** Inhalation of particulates unlikely due to product's physical state				
*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). Calculated VOC: < 1%/wt. (< 11 g/L) CARB Compliance: Yes. Prop 65 Ingredients: Yes (Sec. 16)				

SECTION 3 – HAZARDS IDENTIFICATION

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

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

FLAMMABLE Yes No

EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, Foam.

FLASHPOINT (°F) & METHOD > 200F (Seta Closed Cup)

UPPER EXPLOSIVE LIMIT (% BY VOLUME) NE

LOWER EXPLOSIVE LIMIT (% BY VOLUME) NE

AUTOIGNITION TEMPERATURE (°F) 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.

EYEWEAR Goggles or safety glasses w/ side shields.

CLOTHING / GLOVES Rubber gloves. Additional equipment not required under normal use.

HYGENIC PRACTICES Remove & wash contaminated clothing before re-use. Wash hands before breaks & @ end of work shift.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Paste ODOR & APPEARANCE Low odor. Off-white oil-based paste.

SPECIFIC GRAVITY 1.5 to 2.5 VAPOR DENSITY (AIR=1) Heavier than air

EVAPORATION RATE Slower than n-Butyl Acetate BOILING RANGE (°F) NE

pH NE SOLUBILITY IN WATER NE

VAPOR PRESSURE (MM Hg) NE %/WT VOLATILE (TNV) NE

SECTION 10 – STABILITY AND REACTIVITY

STABILITY Yes No Stable under recommended storage conditions.

INCOMPATIBILITY Yes No Incompatible w/ strong bases & oxidizing agents.

CONDITIONS TO AVOID Excessive heat & freezing

HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS Normal decomposition products, ie: CO_x, NO_x. 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 EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	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.	U.S. STATE REGS	See Section 16.
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

<p><u>NJ Right-to-Know</u>: The following materials are non-hazardous, but are among the top five ingredients: Soybean Oil Blend (Mixture). <u>Pennsylvania Right-to-Know</u>: The following non-hazardous ingredients are present in the product @ > 3%: Soybean Oil Blend (Mixture). <u>California Prop 65</u>: 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. <u>HMIS Ratings</u>: 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</p>		
Reviewed By: <u>Larry Brandon</u>	VP Technology & GM	January 25, 2010
NAME	TITLE	DATE

The information contained herein has been developed based upon currently available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.

