

Material Safety Data Sheet

0744 Ready Mixed Joint Compound - Quart

MSDS No. 0071 Rev. 1

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Ready Mixed Joint Compound		
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:				
Aqueous Vinyl Acetate Emulsion (mixture)	< 20	NE	NE	
Ethylene Glycol (107-21-1)	< 2	NE	100****	mg/m3
Calcium Carbonate ** (1317-65-3) (as nuisance particulate, total)	< 70	10	15	mg/m3
Talc ** (14807-96-6)	< 1	3	5***	mg/m3
Perlite (93763-70-3)	< 1	3	5***	mg/m3
Non-hazardous ingredients *	<10	NA	NA	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). ** Inhalation not likely due to products physical state. *** TWA (OSHA). **** ACGIH Ceil.
Calculated VOC: < 0.5%/wt, < 25 g/L. CARB Compliance: Yes. Prop 65 Ingredients: Yes (See Section 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	White to slightly off-white paste w/ slight odor. Caution: Contains Ethylene Glycol.				
EFFECTS OF OVEREXPOSURE	<p><u>Eye</u>: Direct eye contact may cause irritation. <u>Skin</u>: May cause skin irritation or dry skin. <u>Inhalation</u>: May cause irritation of the respiratory tract. <u>Inhalation</u> of dust may cause lung damage or other adverse pulmonary & respiratory effects. <u>Ingestion</u>: May cause gastrointestinal irritation, nausea, vomiting & diarrhea. <u>Chronic Hazards</u>: Ethylene Glycol may cause kidney & liver damage upon prolonged & repeated overexposure. Ethylene Glycol has been shown to cause birth defects in laboratory animals. Breathing dust containing respirable crystalline silica (present in Calcium Carbonate filler), may not cause noticeable injury or illness, even though permanent lung damage may be occurring.</p>				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	If dry sanded, asthma & asthma-like conditions may worsen from prolonged or repeated exposure to dust.				

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash w/ soap & water for @ least 15 minutes. Get medical attention if symptoms persist. Remove & wash contaminated clothing.
EYE CONTACT	Immediately flush w/ large quantities of water for @ least 15 minutes until irritation subsides. Get medical attention.
INHALATION	If inhaled, remove to fresh air. If breathing difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention.
INGESTION	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
EXTINGUISHING MEDIA	Carbon Dioxide, Dry Chemical, Foam, Water Fog		
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	Wear 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 (Section 8). Use absorbent material or scrape up dried material & place in approved container.		
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SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT	Keep out of reach of children & pets. Do not take internally. Do not breathe vapors or inhale dusts of this product. Avoid contact w/ skin & eyes. Do not get on clothing. Use w/ adequate ventilation. Ensure fresh air during application & drying by opening windows & doors.		
STORAGE REQUIREMENTS	Close container after each use. Store containers away from excessive heat & freezing. Do not store @ temperatures above 120F. Store away from caustics & oxidizers.		

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY	In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH-approved air purifying respirator w/ organic vapor cartridge may be necessary under circumstances where concentrations are expected to exceed exposure limits. Prevent build-up of dust & vapors by opening windows & doors. Wet sanding is recommended to avoid generation of dust. Use approved NIOSH/OSHA respirator if dry sanded.		
EYEWEAR	Goggles or safety glasses w/ side shields.		
CLOTHING / GLOVES	Gloves recommended for prolonged or repeated skin contact.		
HYGENIC PRACTICES	Remove & wash contaminated clothing before re-use. Wash hands before breaks & @ end of workday.		

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Paste	ODOR & APPEARANCE	Mild (Musty) odor. White/slightly off-white paste.
SPECIFIC GRAVITY	Approximately 1.5 to 2.5	VAPOR DENSITY (AIR=1)	Heavier than air
EVAPORATION RATE	Slower than m-Butyl Acetate	BOILING RANGE (°F)	210 to 225F
pH	Approximately 7 to 10	SOLUBILITY IN WATER	NE
VAPOR PRESSURE (MM Hg)	NE	%/WT VOLATILE (TNV)	15 to 25%

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stable under normal conditions.
INCOMPATIBILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Incompatible w/ strong bases & strong oxidizing agents.
CONDITIONS TO AVOID	Excessive heat & freezing.	
HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerization will not occur under normal conditions. Normal decomposition products, ie: COx, NOx.	

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	Silica, crystalline (14808-60-7), present in Calcium Carbonate filler is a suspected human carcinogen. Vinyl acetate (108-05-4), present in base emulsion is a confirmed animal carcinogen w/ unknown relevance to humans.
OSHA	Silica, crystalline not listed.
IARC	Silica, crystalline (14808-60-7), present in Calcium Carbonate filler identified as a human carcinogen. Vinyl acetate (108-05-4), present in base emulsion identified as a possible carcinogen.
NTP	Silica, crystalline (14808-60-7), present in Calcium Carbonate filler identified as a Known carcinogen.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Product may contain trace amounts of vinyl acetate, identified by IARC as a potential carcinogen. There is presently no evidence that it has caused cancer in humans. Ethylene Glycol on HAPS List.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	Ecological injuries are not known or expected under normal use.
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of material in accordance w/ Federal, State & Local regulations.
EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	None.

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	<u>DOT Proper Shipping Name:</u> Not regulated by DOT. <u>DOT Haz. Class:</u> NA. <u>Packing Group:</u> NA. <u>Haz. Subclass:</u> NA. <u>DOT UN/NA No.</u> None. <u>Note:</u> Shipping information is applicable for domestic ground transportation only. Different categorization may apply if shipped by other means or to non-domestic destinations.
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SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	SARA 311 & 312: Immediate health hazard, Chronic health hazard.	U.S. STATE REGS	See Section 16.
SARA 313	None.	TSCA	All ingredients either on TSCA Inventory or exempt. Product contains no materials subject to reporting requirements of TSCA 12 (B) if exported from U.S.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

Prop 65 Ingredients (Known to State of California to cause cancer): Silica, crystalline (14808-60-7) (present in calcium carbonate filler), Vinyl Acetate (present in base emulsion). NJ Right-to-Know: (Top 5 Ingredients): Vinyl Acetate Emulsion (mixture), Water (7732-18-5), Petroleum Distillate (64742-88-7), Calcium Carbonate (1317-65-3), Ethylene Glycol (107-21-1) Pennsylvania Right-to-Know (Non-Haz @ >3%): Water (7732-18-5). Ingredients Known to State of California to cause birth defects or reproductive harm: None. Canadian WHMIS Class: Not regulated. HMIS Ratings: Health: 1, Flammability: 0, Reactivity: 0, Personal Protection: X. **WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Product contains Ethylene Glycol, a HAPS listed chemical that has been shown to cause birth defects in laboratory animals.

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: <u>Larry G. Brandon</u>	<u>VP Technology & General Manager</u>	<u>February 18, 2010</u>
NAME	TITLE	DATE

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