

# Material Safety Data Sheet

0970 White, 0971 Black, 0972 Limestone  
Polyurethane Sealant Series

MSDS No. 0122 Rev. 2

Emergency Phone No.  
(918)825-5744

## SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Polyurethane Sealant Series: Window & Door, Masonry & Concrete & Blacktop & Roof		
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
<b>PRODUCT CONSISTS OF:</b>				
Solvent Based Copolymer Blend (mixture)	< 30	NE	NE	
Vinyl Chloride Polymer (9002-86-2)	< 5	5 **	1 ***	ppm
Calcium Carbonate * (1317-65-3) (Contains Silica Quartz * (14808-60-7)	< 50	10	15	mg/m3
Toluene (108-88-3)	< 2	50	200	ppm
Phenyl Esters (70775-94-9)	< 1	UN	UN	
Ethyl Benzene (100-41-4)	< 0.1	100	100	ppm
MDI (101-68-8)	< 0.75	UN	UN	
DIDP (68515-49-1)	< 5	NE	NE	
Xylene (1330-20-7)	< 1	100	100	ppm
Non-Haz Ingredients	< 10	NE	NE	
Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). *Inhalation of particulates unlikely due to product's physical state. **ACGIH TWA. ***OSHA. Calculated VOC: <3.9% (<50 g/L). CARB Compliance: Yes. Prop 65 Ingredients: Yes (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, black or limestone paste. Warning. Combustible liquid. Can cause headache, irritation, nausea, drowsiness, stupor, coughing spell & allergic respiratory sensitization. Should be observed by physician immediately if overexposure severe.				
EFFECTS OF OVEREXPOSURE	<u>Eye Contact:</u> May cause eye irritation including stinging, tearing, redness & swelling. <u>Skin Contact:</u> May irritate skin. May cause drying, cracking, irritation & burns. <u>Inhalation:</u> Vapor harmful if inhaled. Can cause headache, irritation, nausea, drowsiness, stupor, coughing spells & allergic respiratory sensitization. <u>Ingestion:</u> May cause gastrointestinal irritation. Aspiration during swallowing or vomiting may cause lung damage & can be fatal. <u>Chronic Hazards:</u> Reports have associated permanent brain & nervous system damage w/ prolonged & repeated occupational overexposure to solvents. Intentional misuse by deliberately concentrating & inhaling vapors may be harmful or fatal. Fillers are encapsulated & are not expected to be released during normal use.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Pre-existing eye, skin, liver & respiratory disorders/allergies, including asthma, bronchitis & emphysema may be aggravated w/ exposure. Allergies, eczema & other skin conditions may be aggravated.				

## 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 immediately.
INHALATION	Remove to fresh air. Get medical attention immediately.
INGESTION	Do not induce vomiting. Get medical attention immediately.

## SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
EXTINGUISHING MEDIA	Water Fog.		
FLASHPOINT (°F) & METHOD	Approximately 110 to 120F (TCC)	UPPER EXPLOSIVE LIMIT (% BY VOLUME)	NE
LOWER EXPLOSIVE LIMIT (% BY VOLUME)	NE	AUTOIGNITION TEMPERATURE (°F)	NE
UNUSUAL FIRE & EXPLOSION HAZARDS	Combustible liquid. Can form explosive mixtures @ room temperatures or above flashpoint. Extreme heat may cause containers to explode. Do not put in contact w/ oxidizing or caustic materials.		
SPECIAL FIREFIGHTING PROCEDURES	Full protective equipment, including self-contained breathing apparatus recommended to protect from combustion products. Exposed containers may be cooled w/ water.		

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES	Dike spill area. Absorb remaining liquid w/ absorbent material & place into appropriate containers.		
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## SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT	Keep out of reach of children & pets. Keep containers closed when not in use. Protect containers from excessive heat & freezing. Protect against inhalation of vapor, ingestion & contact w/ skin & eyes. Precautionary statements also apply to empty containers.		
STORAGE REQUIREMENTS	Keep away from heat, spark & flame. Keep containers tightly closed when not in use. Protect containers from excessive heat & freezing. Do not store @ temperatures above 120F. Intentional misuse by deliberately concentrating & inhaling vapors may be harmful or fatal. Do not take internally. Use in a well ventilated area.		

## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY	Select positive pressure supplied air respirator; not required under normal use w/ adequate ventilation.		
EYEWEAR	Goggles or safety glasses w/ side shields.		
CLOTHING / GLOVES	Prevent skin contact. Impervious rubber gloves & typical full cover clothing as necessary. Provide eyewash & solvent impervious apron if body contact may occur.		
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	White, black or limestone paste w/ slight aromatic odor
SPECIFIC GRAVITY	Approximately 1.40 to 1.60	VAPOR DENSITY (AIR=1)	Heavier than air.
EVAPORATION RATE	Slower than Butyl Acetate	BOILING RANGE (°F)	NE
pH	NE	SOLUBILITY IN WATER	Insoluble
VAPOR PRESSURE (MM Hg)	NE	%/WT VOLATILE (TNV)	NE

## 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	Strong oxidizers & caustics.	
CONDITIONS TO AVOID	Avoid contact w/ alcohols, amines, strong bases & surface active materials. Material will cure in presence of humid air or moisture.		
HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerization will not occur under normal conditions. Hazardous decomposition products: Carbon dioxide, carbon monoxide, nitrogen oxides & hydrocyanic acid.		

## SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH NE

OSHA NE

IARC NE

NTP NE

**DATA WITH POSSIBLE RELEVANCE TO HUMANS** Contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

## SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY NE

## 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** DOT Proper Shipping Name: Not regulated by DOT. DOT Hazard Class: None. DOT UN/NA Number: None. Packing Group: None.

## SECTION 15 – REGULATORY INFORMATION

**CERCLA – SARA HAZARD CATEGORY** OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**U.S. STATE REGS** See Section 16.

**SARA 313** This product contains Toluene (108-88-3), subject to the reporting requirements of Section 313 of Title III

**TSCA** None.

## SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

**Prop 65 Ingredients:** (Known to State of California to cause cancer) Silica Quartz (14808-60-7) – present @ low levels in Calcium Carbonate Filler, Crystalline Silica. **NJ Right-to-Know:** (Top 5 Ingredients): Calcium Carbonate (1317-65-3), Solvent Based Copolymer Blend (mixture), Vinyl Chloride Polymer (9002-86-2), DIDP (68515-49-1), Toluene (108-88-3). **Pennsylvania Right-to-Know:** (Non-hazardous ingredients @ > 3%) None. **Ingredients Known to State of California to cause birth defects or reproductive harm:** DIDP (26761-40-0), Toluene (108-88-3). **NFPA Profile:** Health: 1, Flammability: 1, Reactivity: 0. **HMIS Ratings:** Health: 1, Flammability: 1, Reactivity: 0. Canadian WHMIS Class: Not required. **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, NFPA – National Fire Protection Association.

Reviewed By: Larry G. Brandon  
NAME

VP Technology & General Manager  
TITLE

January 22, 2010  
DATE

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