

# Material Safety Data Sheet

**King Kaulk™ MS Polymer  
Technology High Performance  
Adhesive & Sealant - 0956 Series  
(1329903)**

MSDS No. 0200KK Rev 2

Emergency Phone No.  
(918)825-5744

## SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	King Kaulk Adhesive & Sealant – White & Colors		
MANUFACTURER'S NAME & TELEPHONE NUMBER	Red Devil, Inc.	(918)825-5744	
STREET ADDRESS	4175 Webb Street		
CITY / STATE / ZIP	Pryor, OK 74361		

## SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNIT S
Hydrophobic Fumed Silica (68611-44-9) **	< 20	6 ***	10****	mg/m3
Proprietary Polymers (mixture)	< 30	NE	NE	
Calcium Carbonate (1317-65-3) **	< 40	10	15	mg/m3
Titanium Dioxide (13463-67-7) **	< 10	10	15	mg/m3
N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane (1760-24-3)	0 to 3	NE	NE	
Vinyltrimethoxysilane (2768-02-7)	0 to 3	NE	NE	
Non-hazardous ingredients*	< 5	NE	NE	

\*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). \*\*Inhalation of particles unlikely, due to products physical state. \*\*\*ACGIH TWA. \*\*\*\* OSHA TWA. Calculated VOC: 1%/wt or less (10 g/L or less. 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 type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	May cause eye, skin, nose or throat irritation.				
EFFECTS OF OVEREXPOSURE	<u>Eye Contact:</u> May cause eye irritation. <u>Skin Contact:</u> May irritate skin. Prolonged or repeated contact can result in irritation & dermatitis/rash. <u>Inhalation:</u> Vapor may irritate nose, throat & upper respiratory tract. <u>Ingestion:</u> This material may be harmful or fatal if swallowed. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis which can be fatal. Get medical attention if swallowed.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.				

## SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash skin w/ soap & water. Get medical attention if irritation persists.
EYE CONTACT	Immediately flush eyes w/ copious amounts of water for 15 minutes until irritation subsides.
INHALATION	Remove subject to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation persists.
INGESTION	If this product is swallowed, call physician or poison control center for most current information. Do not induce vomiting, unless directed by medical personnel.



### SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE  Yes  No

EXTINGUISHING MEDIA On large fires use dry chemical, foam or water spray. On small fires use CO<sub>2</sub>, dry chemical or water spray. Water can be used to cool containers exposed to fire.

FLASHPOINT (°F) & METHOD > 200F - TCC

UPPER EXPLOSIVE LIMIT (% BY VOLUME) NE

LOWER EXPLOSIVE LIMIT (% BY VOLUME) NE

AUTOIGNITION TEMPERATURE (°F) NE

UNUSUAL FIRE & EXPLOSION HAZARDS When involved in a fire, this material may decompose & produce carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, silicon dioxide & various polymer compounds. Contact w/ water may release small quantities of flammable methanol.

SPECIAL FIREFIGHTING PROCEDURES Fire responders must wear self-contained breathing apparatus & full protective equipment. Move fire-exposed containers if it can be done w/o risk to firefighters. If possible, control water run-off to prevent environmental contamination.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES Observe all PPE recommendations in Sec. 8. Scrape all spilled material for disposal. This material is not classified as a haz. waste per 40 CFR 261. State & local laws may impose regulatory restrictions.

### SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT Keep out of reach of children & pets. Avoid breathing vapors in shipping container. Keep container closed. Use w/ adequate ventilation. Avoid contact w/ skin & clothing. Wash after handling. Observe all PPE suggestions in Section 8.

STORAGE REQUIREMENTS Keep container closed & store in a cool well-ventilated area. Avoid contact w/ water or moisture. Store away from caustics & oxidizers. Keep containers from excessive heat & freezing.

### SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY If engineering controls do not maintain airborne concentrations of hazardous ingredients below limits in Section 2 of this MSDS, then a NIOSH/NSHA approved organic vapor respirator should be used.

EYEWEAR Wear goggles or safety glasses w/ side shields as a minimum.

CLOTHING / GLOVES Impervious/rubber gloves are suggested.

HYGENIC PRACTICES Wash w/ soap & water @ mealtimes & end of shift. Remove contaminated clothing & wash before reuse.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Paste ODOR & APPEARANCE Colored paste, very slight odor

SPECIFIC GRAVITY 1.40 to 1.60 VAPOR DENSITY (AIR=1) NE

EVAPORATION RATE NE BOILING RANGE (°F) NE

pH N/A SOLUBILITY IN WATER Dilutable in wet stage

VAPOR PRESSURE (MM Hg) NE %/WT SOLIDS(TNV) > 90%

### SECTION 10 – STABILITY AND REACTIVITY

STABILITY  Yes  No Normally stable.

INCOMPATIBILITY  Yes  No Oxidizing acids, amines, strong caustics, water

CONDITIONS TO AVOID Contact w/ incompatible materials & exposure to temperature extremes.

HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS Will not occur. Thermal decomposition products include carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, silicon dioxide & various polymer compounds.

