

Material Safety Data Sheet

LC150RD Intumescent Fire Stop Sealant - Pale Red

MSDS No. 0154 Rev 1

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Intumescent Fire Stop Sealant – Pale Red			
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	UNITS
Silica & Clay Blend ** (68855-54-9) (68953-58-2)	30 to 40	10	15	mg/m3
Aqueous Emulsion (mixture)	30 to 40	NE	NE	
Silicate, as Perlite (93763-70-3)	< 2.5	NE	NE	
Calcium Carbonate ** (1317-65-3)	< 25	10	15	mg/m3
Non-hazardous ingredients*	< 10	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: < 2%/wt, < 30 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 type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	Pale red to pink paste. Possible eye, respiratory & skin irritant. Harmful if swallowed or absorbed through skin.				
EFFECTS OF OVEREXPOSURE	<u>Eye:</u> Contact may cause irritation. <u>Skin:</u> Contact may cause irritation. <u>Ingestion:</u> Ill effects if large quantities ingested. <u>Inhalation:</u> Irritation of lungs, nose, throat may result from over-exposure to dust. <u>Chronic:</u> None known.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	As a precautionary measure, preclude from those individuals w/ a history of respiratory ailments.				

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash thoroughly w/ mild soap & water. Seek medical attention if irritation persists.
EYE CONTACT	Irrigate eyes w/ running water for @ least 15 minutes. Seek medical attention if irritation persists.
INHALATION	Remove to fresh air. If breathing difficult, leave area to obtain fresh air. If breathing remains difficult, seek medical attention.
INGESTION	DO NOT INDUCE VOMITING unless directed by medical personnel. Seek immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Material not flammable.	
EXTINGUISHING MEDIA	Carbon Dioxide, Dry Chemical, Foam, Water Fog.		
FLASHPOINT (°F) & METHOD	> 200F (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. Use only w/ adequate ventilation. Wash thoroughly after handling. Avoid contact w/ eyes, skin & clothing. Open windows & doors to ensure cross-ventilation & fresh air during application & curing. Wash contaminated clothing before reuse.		
STORAGE REQUIREMENTS	Close container after each use. Store containers away from excessive heat & freezing. Do not store @ temperatures above 120F for prolonged periods. 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.		
EYEWEAR	Goggles or safety glasses w/ side shields.		
CLOTHING / GLOVES	Rubber gloves. Other protective equipment not usually required w/ normal use. Protective clothing if skin contact expected.		
HYGENIC PRACTICES	Wash after use, before breaks & @ end of work day. Remove & wash contaminated clothing before reuse.		

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Paste	ODOR & APPEARANCE	Mild latex odor. Pale red-to-pink textured paste.
SPECIFIC GRAVITY	Approximately 0.75 to 1.25	VAPOR DENSITY (AIR=1)	NE
EVAPORATION RATE	Slower than n-Butyl Acetate	BOILING RANGE (°F)	NE
pH	Approximately 8 to 10	SOLUBILITY IN WATER	NE
VAPOR PRESSURE (MM Hg)	NE	%/WT VOLATILE (TNV)	Approximately 18 to 22%

SECTION 10 – STABILITY AND REACTIVITY

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

