

Material Safety Data Sheet

MSDS No. 0062 Rev. 3

0697 Series Gutter & Foundation Sealant – Butyl – White or Gray

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Gutter & Foundation Sealant – Butyl Rubber – White or Gray
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:				
Petroleum Distillate (64742-48-9)	< 5	100	NE	ppm
Calcium Carbonate ** (1317-65-3)	< 60	10	15	mg/m3
Titanium Dioxide ** (13463-67-7)	< 2.5	10	15	mg/m3
Non-hazardous ingredients*	< 40	NA	NA	
*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. Calculated VOC: < 17%/wt. (< 200 g/L). CARB Compliance: No. 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	Danger. Combustible liquid & vapor. Harmful or fatal if swallowed.				
EFFECTS OF OVEREXPOSURE	<p><u>Eye Contact</u>: May cause eye irritation. <u>Skin Contact</u>: May cause skin irritation. Prolonged or repeated contact can result in defatting & drying of the skin which can result in skin irritation & dermatitis (skin rash). Can be absorbed through skin. <u>Inhalation</u>: Vapor harmful if inhaled. Vapor may irritate nose & upper respiratory tract. Inhaled vapor may affect brain or nervous system resulting in dizziness, headache or nausea. Prolonged vapor inhalation may result in severe physical injury. <u>Ingestion</u>: Material may be harmful or fatal if swallowed. If ingested, product may cause vomiting, diarrhea & depressed respiration. <u>Chronic Hazards</u>: Reports have associated permanent brain & nervous system damage w/ prolonged & repeated occupational overexposure to solvents. Symptoms include: loss of memory, loss of intellectual ability & loss of coordination. Overexposure or misuse of Xylene can cause liver, kidney & brain damage as well as cardiac abnormalities & reproductive toxicity.</p>				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.				

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

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
EXTINGUISHING MEDIA	Carbon Dioxide, Dry Chemical, Foam		
FLASHPOINT (°F) & METHOD	Approx. 120F (Setaflash Closed Cup)	UPPER EXPLOSIVE LIMIT (% BY VOLUME)	NE
LOWER EXPLOSIVE LIMIT (% BY VOLUME)	NE	AUTOIGNITION TEMPERATURE (°F)	NE; NFPA Flammability Class: II
UNUSUAL FIRE & EXPLOSION HAZARDS	Containers may explode if exposed to extreme heat. Eliminate source of ignition: heat, electrical equipment, sparks & flames. Do not put in contact w/ oxidizing or caustic materials.		
SPECIAL FIREFIGHTING PROCEDURES	Full protective equipment, including self-contained breathing apparatus, is suggested to protect from combustion products. Cool exposed containers 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. Avoid eye & skin contact. Avoid breathing vapors. Use only in well ventilated area.		
STORAGE REQUIREMENTS	Store away from caustics & oxidizers. Protect from heat, sparks & flames. 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.		

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY	<u>Engineering Controls</u> : Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposure within guidelines. Vapors are heavier than air & will collect in low areas (basements, etc). Check all low areas before entering. If exposure exceeded, use an approved NIOSH respirator.		
EYEWEAR	Goggles or safety glasses w/ side shields.		
CLOTHING / GLOVES	Solvent impervious gloves. Readily accessible eyewash, as well as solvent impervious apron if 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	Petroleum odor, colored paste
SPECIFIC GRAVITY	Approximately 1.4 to 1.5	VAPOR DENSITY (AIR=1)	Heavier than air
EVAPORATION RATE	Faster than butyl acetate	BOILING RANGE (°F)	Approximately 300 to 325F
pH	NE	SOLUBILITY IN WATER	Negligible
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	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	Calcium Carbonate filler contains small % of Crystalline Silica.
OSHA	Calcium Carbonate filler contains small % of Crystalline Silica.
IARC	Calcium Carbonate filler contains small % of Crystalline Silica.
NTP	Calcium Carbonate filler contains small % of Crystalline Silica.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Crystalline Silica known to the State of California to cause cancer.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	No product information is available.
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	Dispose of material in accordance w/ Federal, State & Local regulations. Discarded material should be incinerated @ permitted facility. Do not reuse empty container. State & Local Regulations may differ from Federal If discarded (40 CFR 261): None.
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SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	DOT Proper Shipping Name: Ship as a combustible liquid in accordance with 49 CFR 173.150 (f) (2) * DOT Hazard Class: NA *. DOT UN/NA Number: None *. Packing Group: None *. * = when transported domestically by ground. When shipped by other modes of transportation this product is considered a flammable liquid.
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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	None reportable.	TSCA	None reportable.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

Prop 65 Ingredients: (Known to State of California to cause cancer) Silica, crystalline (present in Calcium Carbonate Filler). NJ Right-to-Know: (Top 5 Ingredients): Butyl Rubber Solution (mixture), Calcium Carbonate (1317-65-3), Petroleum Distillate (64742-48-9), Titanium Dioxide (13463-67-7), (Contents partially unknown). Pennsylvania Right-to-Know (Non-Haz @ >3%): Contents partially unknown. Ingredients Known to State of California to cause birth defects or reproductive harm: None. HMIS Ratings: Health: 2, Flammability: 2, Reactivity: 0. Canadian WHMIS Class: No information available. 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. None-white colors may contain carbon black in color dispersion. 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: <u>Larry G. Brandon</u>	<u>VP Technology & General Manager</u>	<u>January 25, 2010</u>
NAME	TITLE	DATE

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