MSDS

(Posted 9/25/2012)

The attached MSDS sheets apply to the following product(s). Please file accordingly.

VENDOR: **RED DEVIL C255-00**

STOCK#	MFG# DESCRIPTION
G89-779	0927OI CLEAR CAULK 10.1OZ

Material Safety Data Sheet

0927/OI RD PRO Celulon Adhesive Sealant - Clear

MSDS No. 0116 Rev. 5

Emergency Phone No.
800-535-5053 - INFOTRAC

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	RD PRO Celulon Adhesive Sealant - Clear
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

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS	%	TLV	PEL	UNITS
PRODUCT CONSISTS OF:				
Acrylic Emulsion (mixture)	< 95	NE	NE	
Acrylic Thickener (mixture)	< 5	NE	NE	
Petroleum Distillate (64742-48-9)	< 1	100	100	ppm
Ammonium Hydroxide (7664-41-7)	< 0.50	25	50	ppm
Non-hazardous ingredients*	< 5	NA	NA	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Calculated VOC: < 0.5%/wt (<10 g/L). CARB Compliance: Yes. Prop 65 Ingredients: Yes (See Section 16)

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	☒ Skin Contact ☒ Skin Absorption ☒ Eye Contact ☒ Inhalation ☒ Ingestion
EMERGENCY OVERVIEW	White paste (Clear @ full cure), w/ slight ammoniacal odor. Harmful if swallowed or absorbed through skin. May cause eye & skin irritation. May cause nose, throat & respiratory tract irritation.
EFFECTS OF OVEREXPOSURE	May cause eye, skin, nose, throat & respiratory tract irritation. Prolong, repeated or high exposures may cause weakness & depression of central nervous system. Harmful if swallowed. If ingested, may cause vomiting, diarrhea & breathing difficulty. Prolonged & repeated skin contact may result in dermatitis.
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. 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

FLAMABLE	☐ Yes ☒ 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 TEMPERTURE (°F)**	NE
UNUSUAL FIRE & EXPLOSION HAZARDS	None required.		
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.

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. Odor is not sufficient warning of hazardous conditions.
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.
EYEWEAR	Goggles or safety glasses w/ side shields.
CLOTHING / GLOVES	Rubber gloves.
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 acrylic/ammonia. Smooth paste.
SPECIFIC GRAVITY	Approximately 1.04 to 1.08	**VAPOR DENSITY (AIR=1)**	Heavier than air
EVAPORATION RATE	Slower than n-Butyl Acetate	**BOILING RANGE (°F)**	210 to 220F
pH	Approximately 7 to 9	**SOLUBILITY IN WATER**	Slight, before cure.
VAPOR PRESSURE (MM Hg)	NE	**%/WT VOLATILE (TNV)**	Approximately 35 to 45%

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	☒ Yes ☐ No	Stable under normal conditions.
INCOMPATABILITY	☒ Yes ☐ No	Incompatible w/ strong bases & 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	Trace residual Formaldehyde present in base emulsion is suspected human carcinogens.
OSHA	Trace residual Formaldehyde present in base emulsion viewed as a possible cancer hazard.
IARC	Trace residual Formaldehyde: Human carcinogen.
NTP	Trace residual Formaldehyde: Anticipated carcinogen.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Product contains trace amounts of residual Formaldehyde. OSHA & NTP identify Formaldehyde as a potential carcinogen. IARC identifies Formaldehyde as a human carcinogen. Formaldehyde has been shown to cause mutations in a variety of in-vitro test systems, w/ human significance unknown. Rats have shown carcinogenic effects in respiratory system. Risk should be minimal when used w/ adequate ventilation. Maintain adequate ventilation to prevent exposure above OSHA exposure limits.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	Not known or expected under normal use.

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	Shipping information applicable for domestic ground transport only. Different categorization may be necessary if shipped via other modes of transportation &/or to non-domestic destinations. PRODUCT NOT REGULATED BY DOT.

SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	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.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

NJ Right-to-Know: (Top 5 Ingredients): Base Acrylic Emulsion (mixture), Acrylic Thickener (mixture), Water (7732-18-5), Petroleum Distillate (64742-48-9), Ammonium Hydroxide (7664-41-7). Pennsylvania Right-to-Know (Non-Haz @ >3%): Water (7732-18-5). Ingredients Known to State of California to cause cancer &/or developmental toxicity &/or reproductive toxicity: Formaldehyde (50-00-0). HMIS Ratings: Health: 1, Flammability: 1, 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. INTERNATIONAL EMERGENCY NUMBER: 352-323-3500

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: Larry G. Brandon (NAME) VP Technology & General Manager (TITLE) March 13, 2012 (DATE)

The information contained herein has been developed based upon currently available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.