

# Material Safety Data Sheet

0757 Duraguard Plus – Stain Resistant K&B Sealant  
- Clear

**MSDS No.** 0157ClearK&B,  
Rev. 1

**Emergency Phone No.**  
800-535-5053 - INFOTRAC

## SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

**PRODUCT NAME** Duraguard Plus – Stain Resistant K&B 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

**%**

**TLV**

**PEL**

**UNITS**

### PRODUCT CONSISTS OF:

Acrylic Emulsion (mixture)

< 90

NE

NE

Acrylic Thickener (mixture)

< 2

NE

NE

Coalescent (25265-77-4)

< 3

NE

NE

Ammonium Hydroxide (7664-41-7)

< 1

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% (<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 unless directed by medical personnel. 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 TEMPURTURE (°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 Wear chemical impervious gloves (eg: Nitrile or Neoprene)

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; applies white, dries clear.

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 Soluble.

VAPOR PRESSURE (MM Hg) NE %/WT VOLATILE (TNV) Approximately 40%

## 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 carcinogen.
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.
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## 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.
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## 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), Coalescent (25265-77-4), 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) present as trace residual in base polymer. 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 - INFOTRAC

**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: <u>Larry G. Brandon</u>	<u>VP Technology &amp; General Manager</u>	<u>April 4, 2013</u>
NAME	TITLE	DATE

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