# Material Safety Data Sheet

**0856 Series Lifetime Pro Adhesive Sealant – White & Colors**

### SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

**PRODUCT NAME**

Lifetime Pro Adhesive Sealant – White & Colors

**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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>%</th>
<th>TLV</th>
<th>PEL</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate ** (1317-65-3)</td>
<td>&lt; 55</td>
<td>10</td>
<td>15</td>
<td>mg/m3</td>
</tr>
<tr>
<td>Acrylic Emulsion (mixture)</td>
<td>&lt; 30</td>
<td>NE</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Benzoate Ester (proprietary)</td>
<td>&lt; 8</td>
<td>NE</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Petroleum Distillate (64742-48-9)</td>
<td>&lt; 1</td>
<td>100</td>
<td>100</td>
<td>ppm</td>
</tr>
<tr>
<td>Titanium Dioxide ** (13463-67-7)</td>
<td>&lt; 1.5</td>
<td>10</td>
<td>10</td>
<td>mg/m3</td>
</tr>
<tr>
<td>Ammonium Hydroxide (7664-41-7)</td>
<td>&lt; 0.25</td>
<td>25</td>
<td>50</td>
<td>ppm</td>
</tr>
</tbody>
</table>

Non-hazardous ingredients*

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). **Inhalation not likely due to products physical state. Calibrated VOC: < 1.5%/wt (<25 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**
  - Colored paste product. Harmful if swallowed or absorbed through skin.

- **Effects of Overexposure**
  - May cause eye, skin, nose, throat & respiratory tract irritation.

- **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

<table>
<thead>
<tr>
<th><strong>FLAMMABLE</strong></th>
<th>Yes □ No □</th>
</tr>
</thead>
</table>

**EXTINGUISHING MEDIA**
- Carbon Dioxide, Dry Chemical, Foam, Water Fog

<table>
<thead>
<tr>
<th><strong>FLASHPONT (°F) &amp; METHOD</strong></th>
<th>&gt;200F (Closed Cup)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UPPER EXPLOSIVE LIMIT (% BY VOLUME)</strong></td>
<td>NE</td>
</tr>
<tr>
<td><strong>LOWER EXPLOSIVE LIMIT (% BY VOLUME)</strong></td>
<td>NE</td>
</tr>
<tr>
<td><strong>AUTOIGNITION TEMPERATURE (°F)</strong></td>
<td>NE</td>
</tr>
</tbody>
</table>

**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.

### 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.

**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. Other protective equipment not required under normal use.

**HYGENIC PRACTICES**
- Remove & wash contaminated clothing before re-use. Wash hands before breaks & @ end of workday.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th><strong>PHYSICAL STATE</strong></th>
<th>Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ODOR &amp; APPEARANCE</strong></td>
<td>Mild acrylic. Smooth paste.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SPECIFIC GRAVITY</strong></th>
<th>Approximately 1.55 to 1.65</th>
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<table>
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<tr>
<th><strong>EVAPORATION RATE</strong></th>
<th>Slower than n-Butyl Acetate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>pH</strong></td>
<td>7 to 9</td>
</tr>
<tr>
<td><strong>BOILING RANGE (°F)</strong></td>
<td>210 to 220F</td>
</tr>
<tr>
<td><strong>SOLUBILITY IN WATER</strong></td>
<td>Slight, before cure.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VAPOOR PRESSURE (MM Hg)</strong></th>
<th>NE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>% /WT VOLATILE (TNV)</strong></td>
<td>15 to 25%</td>
</tr>
</tbody>
</table>

### SECTION 10 – STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th><strong>STABILITY</strong></th>
<th>Yes □ No □</th>
</tr>
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</table>

**INCOMPATABILITY**
- Incompatible w/ strong bases & oxidizing agents.

**CONDITIONS TO AVOID**
- Excessive heat & freezing.

**HAZARDOUS POLMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS**
- Hazardous polymerization will not occur under normal conditions. Normal decomposition products, ie: COx, NOx.
SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH
Small amount of Silica, crystalline present in Calcium Carbonate & trace residual Formaldehyde present in base emulsion are suspected human carcinogens.

OSHA
Trace residual Formaldehyde present in base emulsion viewed as a possible cancer hazard.

IARC
Trace residual Formaldehyde: Human carcinogen.

NTP
Silica, crystalline, present in small amount in Calcium Carbonate Filler: Known carcinogen. 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. 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): Calcium Carbonate (1317-65-3), Base Acrylic Emulsion (mixture), Benzoate Ester (proprietary), Water (7732-18-5), Propylene Glycol (57-55-6). 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), Silica, crystalline (14808-60-7). HMIS Ratings: Health: 1, Flammability: 1, Reactivity: 0, Personal Protection: B. Titanium Dioxide (13463-67-7) 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. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Non-white colors may contain carbon black in color dispersion.


Reviewed By: Larry G. Brandon VP Technology & General Manager February 4, 2010

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