# Safety Data Sheet

**Issue Date:** 01-Apr-2013 **Revision Date:** 11-Oct-2021 **Version** 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Acrylic Create A Color® Sealant

**Other means of identification**

**SDS #** RD-0020

**Product Code** 0409 Series

**Recommended use of the chemical and restrictions on use**

**Recommended Use** For use w/ Create A Color caulk mixers to obtain custom color matching results in a single cartridge – offers water clean-up - patented.

**Details of the supplier of the safety data sheet**

**Supplier Address**
Red Devil, Inc.
4175 Webb Street
Pryor, Oklahoma 74361
www.reddevil.com

**Emergency telephone number**

**Company Phone Number** 918-825-5744
Fax: 918-825-5761

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** White in cartridge, Paste. Custom color matched after mixed, applied & 24 hrs curing **Physical state** Smooth paste **Odor** Mild acrylic,

**Classification**

This SDS was created using the criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and is compliant with the Globally Harmonized System of Labeling and Classification of Chemicals (GHS).

| | |
|---|---|
| Skin sensitization | Category 1 |

**Signal Word**
**Warning**

**Hazard statements**
May cause an allergic skin reaction

**Precautionary Statements - Prevention**
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of water and soap
Wash contaminated clothing before reuse
If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Please also refer to subsequent sections of this SDS for additional information regarding the components of this product.

| Chemical name | CAS No | Weight-% |
|---|---|---|
| Silica, fumed | 112945-52-5 | <5 |
| Ethylene glycol | 107-21-1 | <5 |
| 3-Glycidoxypropylmethyldiethoxysilane | 2897-60-1 | <1 |
| Poly(oxy-1,2-ethanediyl), alpha-3[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega-hydroxy | 104810-48-2 | <1 |
| Poly (oxy-1,2-ethanediyl), alpha-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy] | 104810-47-1 | <1 |

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

## 4. FIRST AID MEASURES

**Description of first aid measures**

**General Advice** Provide this SDS to medical personnel for treatment.

**Eye Contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.

**Skin Contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention.

**Inhalation** Remove to fresh air. If breathing is difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention.

**Ingestion** Do not induce vomiting unless directed by medical personnel. If vomiting occurs, lean patient forward to maintain an open airway & prevent aspiration. Get immediate medical attention.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Prolonged or repeated skin contact may result in dermatitis (red, dry skin). Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness and discomfort. Irritating to mouth, throat, and stomach if ingested. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Overexposure to vapors during application and curing may mildly irritate respiratory tract and result in coughing and sneezing.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Provide general supportive measures and treat symptomatically. May aggravate pre-existing skin disorders.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Carbon dioxide (CO2). Dry chemical. Water spray (fog). Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**
Product is combustible & may ignite if exposed to high temperature or direct flame.

**Hazardous combustion products** Carbon oxides. Nitrogen oxides (NOx).

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to keep fire-exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

**Other Information** Small Spills: 1 drum or less – Level D Equipment (gloves, chemical resistant apron, boots & eye protection).
Large Spills: Rubber gloves, rubber boots, face shield & Tyvek suit as a minimum. Minimum level of PPE for releases in which the oxygen level is < 19.5% or is unknown, should be Level B: triple gloves (rubber gloves & nitrile gloves over latex gloves), chemical resistant suit, fire-retardant clothing & boots, hard hat & self-contained breathing apparatus.

**For Emergency Responders** Restrict access to spill area.

**Environmental precautions**

**Environmental precautions** Minimize use of water to prevent environmental contamination. Prevent spill or rinse from contaminating storm drains, sewers, soil or groundwater. Do not allow discharge containing this material to enter streams, ponds, estuaries, oceans or other waters unless in accordance w/ requirements of National Pollutant Discharge Elimination System (NPDES) permit & permitting authority has been notified in writing prior to discharge. Do not allow discharge containing this material to enter sewer systems w/o previously notifying local sewage treatment plant authority. For information, contact State Water Board or EPA Regional Office
Other: U.S. regulations may require reporting of spills of this material reaching surface waters if sheen is formed. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Use absorbent material to contain spill.

**Methods for Clean-Up** Sweep up absorbed material and shovel into suitable containers for disposal. Wash area with soap and water. For waste disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Avoid breathing vapors. Use only with adequate ventilation. Open windows & doors to ensure fresh air cross-ventilation during application and curing. Wash thoroughly with soap and water after handling. Avoid contact with skin, eyes or clothing. While handling product keep out of reach of children and pets. Do not eat or drink while handling this material. See section 6 of this SDS for clean up instructions. Contaminated work clothing must not be allowed out of the workplace.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Close container after each use. Store containers away from excessive heat & freezing. Do not store @ temperatures above 120 ° F. Keep cool. Protect from sunlight. Store away from incompatible materials. To maximize shelf life, store @ temperatures below 26C (80F).

**Incompatible Materials** Strong bases. Oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** Exposure guidelines / protective equipment are for routine handling and accidental spills

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Silica, fumed<br>112945-52-5 | - | TWA: 20 Million particles per cubic feet | - |
| Ethylene glycol<br>107-21-1 | STEL: 50 ppm vapor fraction<br>STEL: 10 mg/m$^3$ inhalable particulate matter, aerosol only<br>TWA: 25 ppm vapor fraction | (vacated) Ceiling: 50 ppm<br>(vacated) Ceiling: 125 mg/m$^3$ | - |

**Appropriate engineering controls**

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations and standards.

**Skin and Body Protection** Skin: Wear chemical impervious gloves (eg: Nitrile or Neoprene). Use triple gloves for spill response. If necessary, refer to appropriate regulations & standards.

Body: Use protection appropriate for task (eg: lab coat, coveralls, Tyvek suit). If necessary, refer to OSHA Technical Manual (Sec. VII: Personal Protective Equipment) or appropriate Standards of Canada. Use foot protection, as described in appropriate regulations & standards.

**Respiratory Protection** If mists or sprays are created, use appropriate respiratory protection. Oxygen levels below 19.5% considered IDLH by OSHA. In such instances, use full-facepiece pressure demand SCBA or a full facepiece, supplied air respirator w/ auxillary self-contained air supply.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

| | | | |
|---|---|---|---|
| **Physical state** | Smooth paste | | |
| **Appearance** | White in cartridge, Paste. Custom color matched after mixed, applied & 24 hrs curing | **Odor** | Mild acrylic, |
| **Color** | White prior to mixing; after mixing & application, bead dries to an exact color match within 24 hrs | **Odor Threshold** | Not determined |

| **Property** | **Note: The information below is not intended for use in preparing product specifications** | **Remarks • Method** |
|---|---|---|
| **pH** | ~8.5-9.5 | |
| **Melting point / freezing point** | < 0 °C / <32 °F | |
| **Boiling point / boiling range** | ~98.88-104.44 °C / ~210-220 °F | |
| **Flash point** | > 93.33 °C / > 200 °F | |
| **Evaporation Rate** | Not determined | |
| **Flammability (Solid, Gas)** | Not determined | |
| **Flammability Limit in Air** | | |
| **Upper flammability or explosive limits** | Unknown | |
| **Lower flammability or explosive limits** | Unknown | |
| **Vapor Pressure** | Not established | |
| **Vapor Density** | Heavier than air | |
| **Relative Density** | ~1.0-1.10 | API Gravity @ 60°F D1298 |
| **Water Solubility** | Soluble in water | |
| **Solubility in other solvents** | Not determined | |
| **Partition Coefficient** | Not determined | |
| **Autoignition temperature** | Not determined | |
| **Decomposition temperature** | Not determined | |
| **Kinematic viscosity** | Not determined | |
| **Dynamic Viscosity** | Not determined | |
| **Explosive Properties** | Not determined | |
| **Oxidizing Properties** | Not determined | |

**Other information**

**VOC Content** < 10 g/L

## 10. STABILITY AND REACTIVITY

**Reactivity**
Cures upon contact with air.

**Chemical stability**
Stable under recommended storage conditions.

**Possibility of hazardous reactions**
None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**
Incompatible Materials. Excessive heat or cold.

**Incompatible materials**
Strong bases. Oxidizing agents.

**Hazardous decomposition products**
Carbon oxides. Nitrogen oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Eye Contact** Eye contact may result in tearing, redness & pain.

**Skin Contact** May cause an allergic skin reaction. Prolonged and frequent contact may cause redness and irritation.

**Inhalation** Overexposure to vapors during application & curing may mildly irritate respiratory tract & result in coughing & sneezing.

**Ingestion** May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Mineral Oil<br>8042-47-5 | > 5000 mg/kg ( Rat ) | - | - |
| Silica, fumed<br>112945-52-5 | = 3160 mg/kg ( Rat ) | - | - |
| Ethylene glycol<br>107-21-1 | = 4700 mg/kg ( Rat ) | = 10600 mg/kg ( Rat ) | - |
| 3-Glycidoxypropylmethyldiethoxysilane<br>2897-60-1 | - | > 2000 mg/kg ( Rat ) | - |
| Polyethylene glycol<br>25322-68-3 | = 22 g/kg ( Rat ) | > 20 g/kg ( Rabbit ) | - |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Silica, fumed<br>112945-52-5 | | Group 3 | | |

**Legend**

***IARC (International Agency for Research on Cancer)***

*Group 3 IARC components are "not classifiable as human carcinogens"*

**Numerical measures of toxicity**

**The following values are calculated based on chapter 3.1 of the GHS document**

**Oral LD50** 18,287.3923 mg/kg

**ATEmix (inhalation-dust/mist)** 88.20 mg/L

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

PRACTICES SHOULD BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

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not tested for aquatic or animal toxicity. Release of product to terrestrial, atmospheric & aquatic environments should be avoided.

**Component Information**

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Mineral Oil<br>8042-47-5 | | 10000: 96 h Lepomis macrochirus mg/L LC50 | |
| Ethylene glycol<br>107-21-1 | 6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static<br>40000 - 60000: 96 h Pimephales promelas mg/L LC50 static<br>16000: 96 h Poecilia reticulata mg/L LC50 static<br>27540: 96 h Lepomis macrochirus mg/L LC50 static<br>40761: 96 h Oncorhynchus mykiss mg/L LC50 static<br>41000: 96 h Oncorhynchus mykiss mg/L LC50 | 46300: 48 h Daphnia magna mg/L EC50 |

**Persistence/Degradability**

Not tested for persistence & biodegradability.

**Bioaccumulation**

This material is not expected to significantly bioaccumulate.

**Mobility**

Not tested for mobility in soil

| Chemical name | Partition coefficient |
|---|---|
| Ethylene glycol<br>107-21-1 | -1.93 |

**Other Adverse Effects**

Environmental Exposure Controls: Should be maintained so as to prevent release to the environment (atmospheric release, release to waterways & spills)

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

**International Inventories**

| Chemical name | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---|---|---|---|---|---|---|---|---|---|
| Mineral Oil | X | ACTIVE | X | X | X | X | X | X | X |
| Silica, fumed | X | | X | | X | X | X | X | X |
| Ethylene glycol | X | ACTIVE | X | X | X | X | X | X | X |
| 3-Glycidoxypropylmethyldiethoxysilane | X | ACTIVE | X | X | X | X | | | X |
| Polyethylene glycol | X | ACTIVE | X | X | X | X | X | X | X |
| Poly (oxy-1,2-ethanediyl), alpha-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy] | X | ACTIVE | X | | X | X | X | X | X |
| Poly(oxy-1,2-ethanediyl), alpha-3[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega-hydroxy | X | ACTIVE | X | | X | X | X | X | X |

**Legend:**

***TSCA*** *- United States Toxic Substances Control Act Section 8(b) Inventory*

***DSL/NDSL*** *- Canadian Domestic Substances List/Non-Domestic Substances List*

***EINECS/ELINCS*** *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

***ENCS*** *- Japan Existing and New Chemical Substances*

***IECSC*** *- China Inventory of Existing Chemical Substances*

***KECL*** *- Korean Existing and Evaluated Chemical Substances*

***PICCS*** *- Philippines Inventory of Chemicals and Chemical Substances*

***AICS*** *- Australian Inventory of Chemical Substances*

## US Federal Regulations

### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---|---|---|---|
| Ethylene glycol<br>107-21-1 | 5000 lb | | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---|---|---|---|
| Ethylene glycol - 107-21-1 | 107-21-1 | <5 | 1.0 |

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## US State Regulations

### California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical name | California Proposition 65 |
|---|---|
| Ethylene glycol - 107-21-1 | Developmental |

### U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Ethylene glycol<br>107-21-1 | X | X | X |

## 16. OTHER INFORMATION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazards** | **Flammability** | **Instability** | **Special Hazards** |
| | 1 | 1 | 0 | Not determined |
| **HMIS** | **Health Hazards** | **Flammability** | **Physical hazards** | **Personal Protection** |
| | 1 | 1 | 0 | Not determined |

**Issue Date:** 01-Apr-2013
**Revision Date:** 11-Oct-2021
**Revision Note:** New formula

### Disclaimer

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**