1. IDENTIFICATION

Product Identifier
Product Name Quick Grip Adhesive – Low VOC – Water Clean Up

Other means of identification
SDS # RD-0076QG
Product Code 696 Series

Recommended use of the chemical and restrictions on use
Recommended Use No information available.

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 (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Off-white
Physical State Smooth paste
Odor Mild acrylic

Classification
This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic Emulsion</td>
<td>MIXTURE</td>
<td>&lt;55</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>1317-65-3</td>
<td>&lt;30</td>
</tr>
<tr>
<td>Waterborne Tackifier</td>
<td>MIXTURE</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Non-hazardous Ingredients*</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Silica, fumed</td>
<td>112945-52-5</td>
<td>&lt;4</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>&lt;2</td>
</tr>
</tbody>
</table>

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). (Calcium Carbonate and Fumed Silica) Inhalation of particulates unlikely due to product’s physical state.

4. FIRST-AID MEASURES

First Aid Measures

General Advice
Provide this SDS to medical personnel for treatment.

Eye Contact
Immediately flush w/ large quantities of water for @ least 15 minutes until irritation subsides. Get medical attention.

Skin Contact
Wash w/ soap & water for @ least 15 minutes. Get medical attention if symptoms persist. Remove & wash contaminated clothing.

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

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. Medical Conditions Aggravated By Exposure: Dermatitis or other pre-existing skin conditions may be aggravated by overexposure to this product.

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  Normal decomposition products, ie: COx, 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
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.

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
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. Do not eat or drink while handling this material. In event of spill – see Section 6.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Stable under normal conditions of handling, use & storage. Store containers in a cool, dry location, away from direct sunlight & high temperatures. Protect from freezing. Store away from incompatible materials. Close container after each use & keep tightly closed when not in use. 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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td></td>
<td></td>
<td>TWA: 15 mg/m³ total dust</td>
</tr>
<tr>
<td>1317-65-3</td>
<td></td>
<td>TWA: 5 mg/m³ respirable fraction</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 15 mg/m³ total dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 5 mg/m³ respirable fraction</td>
<td></td>
</tr>
<tr>
<td>Silica, fumed</td>
<td></td>
<td>TWA: 20 Million particles per cubic feet</td>
<td></td>
</tr>
<tr>
<td>112945-52-5</td>
<td></td>
<td></td>
<td>TWA: 10 mg/m³ total dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 5 mg/m³ respirable dust</td>
</tr>
</tbody>
</table>

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 & 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/ auxiliary 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Note: The information below is not intended for use in preparing product specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Smooth paste</td>
</tr>
<tr>
<td>Appearance</td>
<td>Off-white</td>
</tr>
<tr>
<td>Color</td>
<td>Off-white</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild acrylic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Remarks - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>7.0-10.0</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt; 0 °C / &lt;32 °F</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>98.88-104.44 °C / 210-220 °F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 93.33 °C / &gt; 200 °F</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Slower than n-Butyl Acetate</td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Unknown</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Unknown</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not established</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>~1.00-1.50  @ 25 °C (77 °F)</td>
</tr>
</tbody>
</table>
Water Solubility | Soluble in water
---|---
Solubility in other solvents | Not determined
Partition Coefficient | Not determined
Autoignition Temperature | Unknown
Decomposition Temperature | Not determined
Kinematic Viscosity | Not determined
Dynamic Viscosity | Not determined
Explosive Properties | Not determined
Oxidizing Properties | Not determined
Additional Information | %/wt Volatile (TNV): 25 to 30%
VOC Content (%) | 0.5%
VOC Content | <5 g/L

10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**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**
Normal decomposition products, ie: COx, NOx.

11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

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

**Skin Contact**
Prolonged and frequent contact may cause redness and irritation. Repeated skin contact may cause dermatitis.

**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**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, fumed 112945-82-5</td>
<td>= 3160 mg/kg ( Rat )</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene Glycol 57-55-6</td>
<td>= 20000 mg/kg ( Rat )</td>
<td>= 20800 mg/kg ( Rabbit )</td>
<td>-</td>
</tr>
</tbody>
</table>

**Information on physical, chemical and toxicological effects**
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**
Not known to be human skin or respiratory sensitizers.

**Carcinogenicity**
Trace residual Formaldehyde present in base emulsion viewed as possible cancer hazard. Silica, crystalline present in small amount in Calcium Carbonate filler: Known carcinogen. Crystalline Silica is considered to be a human carcinogen when in respirable form (dust / powder).

---

### Chemical Name

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, fumed</td>
<td></td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>112945-52-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*IARC (International Agency for Research on Cancer)*
Group 3 IARC components are "not classifiable as human carcinogens"

**Target organ effects**

Acute: Eyes & Skin. Chronic: Skin.

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**Numerical measures of toxicity**

Not determined

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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**
PRACTICES SHOULD BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION. not tested for aquatic or animal toxicity. Release of product to terrestrial, atmospheric & aquatic environments should be avoided.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>19000: 96 h Pseudokirchneriella subcapitata mg/L EC50</td>
<td>51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50</td>
<td>10000: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 Static</td>
<td></td>
</tr>
<tr>
<td>57-55-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence/Degradability**
Not tested for persistence & biodegradability

**Bioaccumulation**
Not tested for bio-accumulation potential

**Mobility**
Not tested for mobility in soil

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

**Ozone**
Not expected to produce any ozone depletion
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.

US EPA Waste Number
Not Applicable

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

TSCA  Listed
DSL  Listed
NDSL  Listed

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

US Federal Regulations

CERCLA  This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

Acute Health Hazard  Yes
Chronic Health Hazard  No
Fire Hazard  No
Sudden Release of Pressure Hazard  No
Reactive Hazard  No

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

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 does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1317-65-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>57-55-6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>0</td>
<td>0</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>0</td>
<td>0</td>
<td></td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Issue Date: 05-Sep-2013
Revision Date: 01-Oct-2017
Revision Note: New format

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