# Material Safety Data Sheet

**MSDS No.** 0696FC  
**Emergency Phone No.** 507-454-5374

## SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

**PRODUCT NAME:** Fastenal ROCK RIVER Quick Grip Adhesive – Water Clean Up – VOC Compliant – Std Cartridge  
**MANUFACTURER’S NAME & TELEPHONE NUMBER:** Fastenal Company 507-454-5374  
**STREET ADDRESS:** 2001 Theurer Blvd.  
**CITY /STATE /ZIP:** Winona, Minnesota 55987

## SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>PRODUCT CONSISTS OF:</th>
<th>%</th>
<th>TLV</th>
<th>PEL</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate ** (1317-65-3)</td>
<td>15</td>
<td>10</td>
<td>15</td>
<td>mg/m3</td>
</tr>
<tr>
<td>Acrylic Emulsion (mixture)</td>
<td>20</td>
<td>NE</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Propylene Glycol (57-55-6)</td>
<td>1</td>
<td>400</td>
<td>NE</td>
<td>ppm</td>
</tr>
<tr>
<td>Kaolin ** (1332-58-7)</td>
<td>1</td>
<td>5</td>
<td>15</td>
<td>mg/m3</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 product’s physical state. *** TWA  
Calculated VOC: < 1.5%/wt (< 25 g/L). CARB Compliance: Yes. Prop 65 Ingredients: Yes (See Section 16)

## SECTION 3 – HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>PRIMARY ROUTE(S) OF ENTRY</th>
<th>Skin Contact</th>
<th>Skin Absorption</th>
<th>Eye Contact</th>
<th>Inhalation</th>
<th>Ingestion</th>
</tr>
</thead>
</table>

**EMERGENCY OVERVIEW:** White colored paste product. May cause eye, skin & respiratory tract irritation. Ingestion may cause gastric disturbances. Contains material(s) known to the State of California to cause cancer, birth defects or other reproductive harm.  
**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 affected area thoroughly w/ soap & water. If irritation develops, seek medical attention.  
**EYE CONTACT:** Flush w/ copious amounts of water for @ least 15 minutes. If irritation develops, seek medical attention.  
**INHALATION:** Remove individual to fresh air & keep individual calm. Assist in breathing if necessary. Immediate medical attention required.  
**INGESTION:** DO NOT INDUCE VOMITING. Immediately rinse mouth & then drink plenty of water. Seek medical attention. Never induce vomiting or give anything by mouth, if victim is unconscious or having convulsions.
SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE: Yes □ No □ (Unspecified) Product has not been tested. Statement has been derived from properties of individual components.

EXTINGUISHING MEDIA: Water fog, foam, dry extinguishing media

FLASHPOINT (°F) & METHOD: >200°F

FLAMMABLE: Yes □ No □ (Unspecified) Product has not been tested. Statement has been derived from properties of individual components.

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FLASHPOINT (°F) & METHOD: >200°F

UNUSUAL FIRE & EXPLOSION HAZARDS: None known.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should be equipped w/ self-contained breathing apparatus & turn-out gear (full-dress equipment).

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES: Cleanup: Spills should be contained, solidified & placed in suitable containers for disposal. Further Information: High risk of slipping due to leakage/spillage of product.

SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT: Keep out of reach of children & pets. Do not take internally. Ensure adequate ventilation. Handle in accordance w/ good industrial hygiene & safety practice. No special measures provided product used correctly.

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. Store protected against freezing.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY: In case of insufficiency 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: Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

CLOTHING / GLOVES: Rubber gloves, chemical resistant. Other protective equipment not required under normal use.

HYGENIC PRACTICES: Hands &/or face should be washed before breaks & @ end of work shift. Avoid contact w/ skin & eyes.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste

ODOR & APPEARANCE: Mild odor. Smooth white paste.

SPECIFIC GRAVITY: Approximately 1.0 to 1.50

VAPOR DENSITY (AIR=1): Heavier than air

EVAPORATION RATE: Slower than n-Butyl Acetate

BOILING RANGE (°F): 210 to 220F

pH: Approximately 7 to 10

SOLUBILITY IN WATER: Slight, before cure.

VAPOR PRESSURE (MM Hg): NE

%/WT VOLATILE (TNV): Approximately 20 to 40%

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Yes □ No □ Stable under normal conditions.

INCOMPATABILITY: Yes □ No □ Incompatible w/ metal salts

CONDITIONS TO AVOID: Excessive heat & freezing.

HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous polymerization will not occur under normal conditions. Hazardous decomposition products: carbon dioxide, carbon monoxide, hydrocarbons.
### SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

<table>
<thead>
<tr>
<th>Type of Value</th>
<th>LD50, Species: Rat</th>
<th>Value: 2,000 – 10,000 mg/kg</th>
</tr>
</thead>
</table>

**IRRITATION/CORROSION**

- Skin: Species: Rabbit, Result: Non-irritant, Method: OECD Guideline 404
- Eye: Species: Rabbit, Result: Non-irritant, Method: OECD Guideline 405

**OTHER INFORMATION**

- Based on information available, no adverse health effects are expected if handled as recommended w/ suitable precautions for designated uses. Product has not been tested. Statements on toxicology derived from properties of individual components.

### SECTION 12 – ECOLOGICAL INFORMATION

**AQUATIC TOXICITY**

- FISH: Acute: OECD Guideline 203 static, Brachydanio rerio/EC50 (96 h): > 100 mg/l AQUATIC INVERTEBRATES: Acute: OECD Guideline 202, part 1 static, Daphnia magna/EC50 (48 h): > 100 mg/l AQUATIC PLANTS: Toxicity to aquatic plants: OECD Guideline 201 green algae/EC50 (72 h): > 100 mg/l, nominal concentration MICROORGANISMS: Toxicity to Microorganisms: DIN EN ISO 8192-OECD 209-88/302/ECP, C activated sludge, domestic/EC20 (0.5 h): > 100 mg/l The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. DEGRADABILITY/PERSISTENCE: BIOLOGICAL/A BIOLOGICAL DEGRADATION: Test Method: OECD 302B; ISO 9888; 88/302/ECC, part C. Method of Analysis: DOC reduction. Degree of Elimination: > 70%. Evaluation: Easily eliminated from water. Product can be virtually eliminated from water by abiotic processes e.g. adsorption into activated sludge. BIOACCUMULATION: Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected. OTHER ADVERSE EFFECTS: Do not release untreated into natural waters. At present state of knowledge, no negative ecological effects are expected. Ecological data are determined by analogy. Product has not been tested. Statements on ecotoxicology have been derived from properties of the individual components.

### SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of material in accordance w/ Federal, State & Local regulations.

**WASTE DISPOSAL**

- EPA Waste Code IF DISCARDED (40CFR Sec.261)
  - None.

### SECTION 14 – TRANSPORT INFORMATION

**SPECIAL SHIPPING INFORMATION**

- LAND TRANSPORT: USDOT: Not classified as a dangerous good under transport regulations. SEA TRANSPORT: IMDG: Not classified as a dangerous good under transport regulations. AIR TRANSPORT: IATA/ICAO: Not classified as a dangerous good under transport regulations.

### SECTION 15 – REGULATORY INFORMATION

- U.S. STATE REGS: See Section 16.
- TSCE, US: Released/listed.

### SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

**NJ Right-to-Know: (Top 5 Ingredients):**
- Calcium Carbonate (1317-65-3), Base Acrylic Emulsion (mixture), Propylene Glycol (57-55-6), Water (7732-18-5), Kaolin (1332-58-7), MA, PA: Calcium Carbonate (1317-65-3), Kaolin (1332-58-7), MA, NJ, PA: Crystalline Silica (14808-60-7) (Present @ low levels in Calcium Carbonate Filler)
- Pennsylvania Right-to-Know (Non-Haz @ >5%): Water (7732-18-5). HMIS III Ratings: Health: 1, Flamability: 1, Physical Hazard: 0. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. NOTE: NFP & HMIS use a numbering scale ranging from 0 to 4 to indicate degree of hazard. A value of 0 means the substance presents essentially no hazard; a rating of 4 indicates extreme danger. Although similar, the two rating systems are intended for different purposes, & use different criteria. The NFPA system was developed to provide an on the spot alert to the hazards of a material & their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

**LEGEND:**


**Reviewed By:** Larry G. Brandon  
**NAME:** VP Technology & General Manager  
**DATE:** October 30, 2012  
**TITLE:**

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