SAFETY DATA SHEET

Date Prepared: 06/28/2017
SDS No: Parish Maintenance Supply_Proguard Concrete & Terrazzo Finish

Proguard Concrete & Terrazzo Finish

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Proguard Concrete & Terrazzo Finish
GENERAL USE: Concrete and hard surface sealer and finish
PRODUCT DESCRIPTION: Concrete Cure & Seal
CHEMICAL FAMILY: Lithium silicate/Acrylic polymer blend

DISTRIBUTOR
Parish Maintenance Supply
PO Box 185
Syracuse, NY 13206
Customer Service: 315-433-9031

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS
Health:
Eye Irritation, Category 2B

GHS LABEL
SIGNAL WORD: WARNING
HAZARD STATEMENTS
H320: Causes eye irritation.

PRECAUTIONARY STATEMENT(S)
Prevention:
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash hands thoroughly after handling.
P102: Keep out of reach of children.

Response:
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

Storage:
P404: Store in a closed container.

Disposal:
P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW
PHYSICAL APPEARANCE: White opaque liquid
IMMEDIATE CONCERNS: Moderate eye irritant.

POTENTIAL HEALTH EFFECTS
EYES: Contact causes eye irritation.
SKIN: May be mildly irritating with prolonged or repeated contact.
SKIN ABSORPTION: None known.
INGESTION: Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.
INHALATION: None Expected.
REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: Not Established
TERATOGENIC EFFECTS: None known.
CARCINOGENICITY: Contains an ingredient listed under IARC Group 3 status.
MUTAGENICITY: None known.
ROUTES OF ENTRY: Ingestion, eye
CANCER STATEMENT: None
SENSITIZATION: None known.
WARNING CAUTION LABELS: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylate Copolymer</td>
<td>5 - 10</td>
<td>N/A</td>
</tr>
<tr>
<td>Lithium Silicate</td>
<td>1 - 5</td>
<td>12627-14-4</td>
</tr>
<tr>
<td>Silicic Acid, Potassium Salt, Potassium Silicate</td>
<td>1 - 3</td>
<td>1312-76-1</td>
</tr>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>0 - 2</td>
<td>111-76-2</td>
</tr>
<tr>
<td>Water</td>
<td>70 - 80</td>
<td>7732-18-5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.
INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.
INHALATION: No known significant effects or critical hazards.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Burning sensation with tears, redness.
SKIN: Prolonged contact may cause irritation marked by redness, slight burning sensation.
SKIN ABSORPTION: Not Established
INGESTION: Irritation of mouth, throat, along with stomach upset, vomiting.
INHALATION: No known significant effects or critical hazards.
ACUTE EFFECTS: None known.
CHRONIC EFFECTS: No known significant effects or critical hazards.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NA = Not Applicable
GENERAL HAZARD: NA = Not Applicable
EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire.
FIRE FIGHTING PROCEDURES: Keep fire exposed containers cool with water stream or mist.
FIRE FIGHTING EQUIPMENT: No special requirements.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.
LARGE SPILL: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.
ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharges into open waterways.
7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.
HANDLING: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.
STORAGE: Keep container closed to prevent drying out.
STORAGE TEMPERATURE: Store at ambient temperatures.
STORAGE PRESSURE: Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EXPOSURE LIMITS</td>
</tr>
<tr>
<td></td>
<td>Chemical Name</td>
</tr>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>OSHA PEL</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
</tr>
<tr>
<td></td>
<td>Supplier OEL</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS: None
PERSONAL PROTECTIVE EQUIPMENT
- **EYES AND FACE**: Safety glasses with side shields.
- **SKIN**: Rubber or other chemical resistant gloves.
- **RESPIRATORY**: A respirator is not needed under normal and intended conditions of product use.
- **PROTECTIVE CLOTHING**: NA = Not Applicable

WORK HYGIENIC PRACTICES: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Characteristic.
ODOR THRESHOLD: Not Established
COLOR: White emulsion
pH: 11.0 to 11.5
PERCENT VOLATILE: 85+
FLASH POINT AND METHOD: None
FLAMMABLE LIMITS: N/A
AUTOIGNITION TEMPERATURE: NA = Not Applicable
VAPOR PRESSURE: Not Available
VAPOR DENSITY: > 1 Air = 1
BOILING POINT: 212°F; 100°C
FREEZING POINT: 32°F; 0°C
MELTING POINT: Not Available
THERMAL DECOMPOSITION: Not Available
SOLUBILITY IN WATER: dispersable
EVAPORATION RATE: (Water = 1) 1.0
DENSITY: 8.62 at 20°C (68°F)
SPECIFIC GRAVITY: 1.033 grams/ml. at 20°C (68°F)
VISCOSITY: Water thin.
(VOC): 0.74 % by weight

10. STABILITY AND REACTIVITY

REACTIVITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
STABILITY: No known significant effects or critical hazards.
CONDITIONS TO AVOID: Strong oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.
INCOMPATIBLE MATERIALS: Strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ORAL LD₅₀ (rat)</th>
<th>DERMAL LD₅₀ (rabbit)</th>
<th>INHALATION LC₅₀ (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylate Copolymer</td>
<td>&gt; 10000 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>1300 mg/kg (rat)</td>
<td>&gt; 2000 mg/kg (rabbit)</td>
<td>&gt; 3.1 mg/l</td>
</tr>
</tbody>
</table>

DERMAL LD₅₀: No known significant effects or critical hazards.
INHALATION LC₅₀: No known significant effects or critical hazards.

SKIN CORROSION/IRRITATION: No known significant effects or critical hazards.
RESPIRATORY OR SKIN SENSITISATION: No known significant effects or critical hazards.
GERM CELL MUTAGENICITY: No known significant effects or critical hazards.

CARCINOGENICITY

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NTP Status</th>
<th>IARC Status</th>
<th>OSHA Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>No listed substance</td>
<td>Group 3 - Not classifiable as to its carcinogenicity to Humans</td>
<td>No listed substance</td>
</tr>
</tbody>
</table>

IARC:
The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of 2-butoxyethanol in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans).

REPRODUCTIVE TOXICITY: No known significant effects or critical hazards.
STOT-SINGLE EXPOSURE: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Established
ECOTOXICOLOGICAL INFORMATION: Not Established
BIOACCUMULATION/ACCUMULATION: Not Established
AQUATIC TOXICITY (ACUTE): Not Established
CHEMICAL FATE INFORMATION: Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of
this material may be further regulated by state, regional, or local regulations.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** See above.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

- **PROPER SHIPPING NAME:** Liquid floor wax, not regulated.
- **U.S. CUSTOMS HARMONIZATION NUMBER:** 3209.10.00.00

### 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

- **311/312 HAZARD CATEGORIES:** Health - Acute
- **FIRE:** No  **PRESSURE GENERATING:** No  **REACTIVITY:** No  **ACUTE:** Yes  **CHRONIC:** No

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**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

**302/304 EMERGENCY PLANNING**

- **EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

- **CERCLA REGULATORY:** NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

- **TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**STATES WITH SPECIAL REQUIREMENTS**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>Massachusetts Right to Know Substance</td>
</tr>
<tr>
<td></td>
<td>Pennsylvania Right to Know Substance</td>
</tr>
<tr>
<td></td>
<td>New Jersey Right To Know Substance</td>
</tr>
</tbody>
</table>

**CALIFORNIA PROPOSITION 65:** None

**CARCINOGEN:**

The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of 2-butoxyethanol in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans).

### 16. OTHER INFORMATION

**PREPARED BY:** Regulatory Affairs Department  **Date Prepared:** 06/28/2017
MANUFACTURER DISCLAIMER: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.