Section 1. Identification

**Product Name:** Silpro TDQ™ (Thin Deep Quick Repair)

**Effective Date:** 31 May 2015  
**Replaces:** 6 October 2014

**Manufacturer Name:** Silpro, LLC  
**Address:** 2 New England Way  
Ayer, MA 01432-1514

**24/7 EMERGENCY PHONE:** INFOTRAC 800-535-5053 Call collect internationally 352-323-3500  
**24/7 HEALTH EMERGENCIES:** 800-222-1222 National Poison Control Center.

Section 2. Hazard(s) Identification

**Emergency overview:** Gray solid or powder with a little odour. Silpro TDQ (Thin Deep Quick Repair) may eye damage and skin irritation. Inhalation may cause respiratory irritation and ingestion may cause gastric distress.

**GHS Pictograms:**

**GHS Signal Word:** WARNING

**POTENTIAL HEALTH EFFECTS:**

**CODE OF HAZARD STATEMENTS:**

- **Physical hazards:** None.
- **Health Hazards**
  - H302, Harmful if swallowed.
  - H313, May be harmful in contact with skin.
  - H315, Causes skin irritation.
  - H319, Causes eye irritation.
  - H333, May be harmful if inhaled.
  - H350, May cause cancer
- **Environmental hazards**
  - H402, Harmful to aquatic life.

**CODE OF PRECAUTIONARY STATEMENTS:**

**General**
- P101, Keep out of reach of children.
- P103, Read label before use.

**Prevention**
- P234, Keep only in original container.
- P261, Avoid breathing dust.
- P262, Do not get in eyes, on skin or on clothing.
- P264, Wash thoroughly after handling.
- P270, Do not eat, drink or smoke when using this product.
- P280, Wear protective gloves/protective clothing/eye protection/face protection.

**Response**
- P312, Call a POISON CENTER or doctor/physician if you feel unwell.
- P331, DO NOT induce vomiting.
- P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P352, Wash with plenty of soap and water.
- P362, Take off contaminated clothing and wash before reuse.

**Storage**
- P402, Store in a dry place.
- P403, Store in a well-ventilated area.

**ROUTES OF ENTRY:** Eye contact, skin adsorption, ingestion and inhalation.

**CARCINOGENICITY:** Crystalline silica is listed as a carcinogen.
Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Component</th>
<th>CAS #</th>
<th>EINECS #</th>
<th>Percent</th>
<th>REACH Reg. #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Crystalline silica</td>
<td>14808-60-7</td>
<td>238-878-4</td>
<td>&gt;51</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Portland Cement</td>
<td>65997-15-1</td>
<td>266-043-4</td>
<td>&gt;35</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Slag Cement</td>
<td>65996-69-2</td>
<td>266-002-0</td>
<td>&gt;12</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Proprietary ingredients</td>
<td>NA</td>
<td>NA</td>
<td>&gt;2</td>
<td>No</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Eye Contact: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse. If irritation persists, contact a physician.

Inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

Ingestion: If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Flash Point: Not combustible.

Flammability Limits: NE.

Fire Fighting Media: Use dry chemical and carbon dioxide.

Special Fire Fighting Procedures: Product will decompose above 414°F (200°C). First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE).

Section 6. Accidental Release Measures

Use personal protective equipment, see section 8.

Clean-up Procedures: Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use shovel to pick up absorbent for disposal.

Spills and Leaks: Dispose in accordance to local, state or federal regulations.

Section 7. Handling and Storage

Handling: Do not get into eyes, on skin and on clothing. Do not breathe dusts or mists. Wash thoroughly after handling. Do not freeze. Keep out of sunlight.

Storage: Store in original labeled container. Keep in cool and dry areas.

Section 8. Exposure Controls/Personal Protection

Introductory Remarks: Consider the potential hazards of this product outlined in section 2. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Ingredient | OSHA PEL
---|---
Portland cement | 5 mg/m³
Crystalline silica | 10 mg/m³
Slag cement | 10 mg/m³

Personal Protection:

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical-resistant gloves.

Hands: Neoprene chemical-resistant gloves.

Respiratory: Wear an approved respirator that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Other: None.

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour/Colour</td>
<td>Gray solid or powder/Slight odour</td>
</tr>
<tr>
<td>Melting point</td>
<td>&gt;3110°F (1710°C)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Miscible in water</td>
</tr>
<tr>
<td>Specific gravity (water=1)</td>
<td>&gt;3 @ 68°F (20°C)</td>
</tr>
</tbody>
</table>
Section 10. Stability and Reactivity

Chemical Stability: Considered stable under normal ambient temperatures.
Hazardous Decomposition: If complete combustion, oxides of carbon and silicate are formed.
Hazardous Polymerization: Will not occur
Incompatibility - Materials to Avoid: No known materials that are incompatible.

Section 11. Toxicological Information

The product is not toxic.

Acute Eye Irritation: Severe eye damage.
Acute Skin Irritation: May be irritating.
Acute Dermal Toxicity: Not expected to be toxic through the skin.
Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.
Carcinogenic Effects: Crystalline silica.

Section 12. Ecological Information

Ecotoxicity: The toxicity of this product has not been determined.
Environmental Fate: This product's environmental fate has not been determined.

Section 13. Disposal Considerations

Waste Disposal Method: Whatever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations
Container Handling and Disposal: All containers should be disposed of according to local, state and Federal regulations.

Section 14. Transport Information

Ground Classification: Not regulated by US DOT.
Shipping Name: Silpro TDQ™ (Thin Deep Quick Repair)
IATA or IMO: Not regulated.

Section 15. Regulatory Information

EPCRA 311/312 Categories: Immediate (Acute) Health Effects: Yes
                     Delayed (Chronic) Health Effects: Yes
                     Fire Hazard: No
                     Sudden Release of Pressure: No
                     Reactivity: No

European Community Pictogram: Irritant

WHMIS: Xi (Irritant to the eyes and skin).
Right to know classification: Crystalline silica in the United States.
TSCA: None of the ingredients are listed.
Reportable Quantity (RQ): None.
Prop. 65: Crystalline silica.
Crystalline silica is listed in chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK.

Abbreviations:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS #</td>
<td>Chemical Abstract Service Number</td>
</tr>
<tr>
<td>°C</td>
<td>Celsius temperature scale</td>
</tr>
<tr>
<td>Prop.</td>
<td>Proprietary</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-term Exposure Limit</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety &amp; Health</td>
</tr>
<tr>
<td>NFFPA</td>
<td>National Fire Protection Agency</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of existing Commercial Chemical Sales</td>
</tr>
<tr>
<td>°F</td>
<td>Fahrenheit temperature scale</td>
</tr>
<tr>
<td>PE</td>
<td>Personal Protective Equipment</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute of Safety &amp; Health</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System</td>
</tr>
<tr>
<td>IARC</td>
<td>Int. Agency for Research on Cancer</td>
</tr>
</tbody>
</table>
Section 16. Other Information

Hazardous Material Information (HMIS)  National Fire Protection Association (NFPA)

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
<th>1</th>
<th>Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire</td>
<td>0</td>
<td>0</td>
<td>Fire</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td>0</td>
<td>Instability</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>E</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard
Fire 4 < 73 ºC 3 < 100 ºC 2 < 200 ºC 1 >200 ºC 0 Will not burn
Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

Prepared by: Dennis E. Belau  Reviewed by: Regulatory department

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