SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Information
Product Name: Microfine Cement
Chemical Family: Admixture
Application: Cement Grout
Supplier: Multiurethanes Ltd.
5245 Creekbank Road, Mississauga, ON L4W 1N3
Telephone: 905-564-7650
Fax: 905-564-7998
Emergency Contact: 1-800-663-6633

MSDS Preparation Information
Revision Date: July 6, 2017
Prepared By: Multiurethanes Ltd, Mississauga, ON L4W 1N3
Telephone: 905-564-7650

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Silicate</td>
<td>1344-95-2</td>
<td>&gt;60%</td>
</tr>
<tr>
<td>Calcium Aluminate</td>
<td>12042-68-1</td>
<td>&gt;60%</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>14808-60-7</td>
<td>&lt;1 %</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview Ingredient
Fine grey powder; odourless; hazardous

Potential Health Effects
Eye Contact: Irritation
Skin Contact: Irritation; corrosive when mixed with water
Inhalation (acute): Irritation
Inhalation (chronic): Lung damage
Ingestion: Irritation
SECTION 4: FIRST AID MEASURES

- **Eye Contact:** Flush with water; if irritation occurs, seek medical attention
- **Skin Contact:** Wash with soap and water; if irritation occurs, seek medical attention
- **Inhalation:** Move to fresh air; if irritation occurs, seek medical attention
- **Ingestion:** Drink water; induce vomiting; seek medical attention

SECTION 5: FIRE FIGHTING MEASURES

- **Flash Point:** Will not ignite
- **Extinguishing Media:** Dry chemical; carbon dioxide; foam; water spray
- **Special Fire Fighting Instructions:** Wear full protective equipment, including SCBA

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **General:** Sweep up dust; flush spill area with water
- **Waste Disposal:** Dispose according to local regulations

SECTION 7: HANDLING AND STORAGE

- **Storage:** Store in a dry location
- **Handling:** Handle with care

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls**

- **Engineering Controls:** Use mechanical ventilation in enclosed areas

**Personal Protective Equipment (PPE)**

- **Eye/Face Protection:** Safety glasses with side shields; emergency eye-wash kits readily available
- **Skin Protection:** Impermeable gloves; protective clothing with long sleeves and long pants
- **Respiratory Protection:** NIOSH approved respirator with minimum filter efficiency of 95%
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Powder
Appearance: Fine grey powder
Colour: White to grey
Odour: Odourless
Boiling Point: Not applicable
Melting/Freezing Point: > 1600°C
Solubility in Water: < 1%
Specific Gravity: 3.0
Bulk Density: 0.1 g/ml
% Volatiles by Volume: Not determined
pH: 12.4
Vapour Pressure: Not applicable
Vapour Density: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Not determined
Incompatibles: Hardens following contact with water
Decomposition Product: Not determined

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity
Oral LD50: Not determined
Dermal LD50: Not determined
Inhalation LC50: Not determined
Eye Effects: May cause burns; irritation
Skin Effects: May cause burns; chronic exposure may cause dermatitis
Sensitization: Allergic reactions to Chromium may occur
Chronic toxicity: Chronic inhalation may damage lungs
Carcinogenicity: Crystalline Silica is a known carcinogen
Mutagenicity: Not determined

SECTION 12: ECOLOGICAL INFORMATION

Avoid environmental contamination.
SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.

SECTION 14: TRANSPORTATION AND SHIPPING INFORMATION

Not regulated

SECTION 15: REGULATORY INFORMATION

OSHA status: Hazardous; irritant
TSCA status: Components are listed on TSCA Inventory
CERCLA reportable quantity: Not applicable for typical product application
SARA Title III Section 302: Extremely hazardous substances - no known reportable constituents
SARA Title III Section 311/312: Hazard categories - acute health hazard; chronic health hazard
SARA Title III Section 313: Toxic Chemical Release Reporting - not applicable
RCRA status: It is the responsibility of the product user to determine, at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

SECTION 16: OTHER INFORMATION

WHMIS (Workplace Hazardous Material Identification System) Rating:

Class D2B - Toxic Material

NFPA (National Fire Protection Agency) Rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

NAERG (North American Emergency Response Guide) Rating:

171

End of MSDS