SECTION I - PRODUCT IDENTIFICATION

Product name: Masonry Sand
Product use: Filler

Supplier name and address: Shaw Resources
Nova Scotia Sand & Gravel Operation
P.O. Box 60
Shubenacadie, NS B0N 2H0
Emergency Tel. #: 1-(902)-758-2095
Fax #: 1-(902)-758-3622
Chemical Name: Silicon Dioxide

SECTION II - INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>60 - 100% N.Av</td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL DATA

- Physical State: Solid
- Odour and appearance: No odour - Brown Granular
- Odour threshold: N.Ap
- Specific gravity: 2650 kg/m³
- Coefficient of water/oil distribution: N.Ap
- Vapour pressure (mmHg): N.Ap
- Boiling point: 2230°C
- Freezing point: 1600°C
- pH: N.Ap
- Vapour density (air 1): N.Ap
- Evaporation rate (BuAc 1): N.Ap
- Volatility, %: 0%
- Solubility in water: N.Ap
- Density g/ml: 1.40 g/ml

SECTION IV - FIRE AND EXPLOSION DATA

- Conditions of flammability: N.Ap
- Means of extinction: N.Ap
- Sensitivity to mechanical impact/static discharge: Slight
- Flash point (Method): N.Ap
- Upper/Lower flammable limits (% by volume): N.Ap
- Auto-ignition temperature: N.Ap
- Hazardous combustion products: N.Ap

SECTION V - REACTIVITY DATA

- Stability: Stable
- Incompatible materials: Strong Oxidizing Agents
- Conditions of reactivity: N.Ap
- Hazardous decomposition products: N.Ap

N.Av. Not Available
N.Ap. Not Applicable
Material – Masonry Sand

SECTION VI - TOXICOLOGICAL PROPERTIES

<table>
<thead>
<tr>
<th>LD₅₀ of material:</th>
<th>N.Av</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure limit:</td>
<td>0.1 mg/m³ of Respirable Dust</td>
</tr>
<tr>
<td>Route of Entry:</td>
<td>Inhalation Chronic</td>
</tr>
</tbody>
</table>

Effects of Chronic Exposure to Product: Crystalline Silica is a known cause of silicosis, a progressive, chronic lung disease. Although silicosis is a non-cancerous lung disease, in 1987 the International Agency for Research on Cancer (IARC) issued monograph 42, a review of "Silica and Some Silicates" stating there is limited evidence "that crystalline silica can cause cancer". In supplement 7, IARC concludes crystalline silica is "probably carcinogenic".

Irritancy of Product: Irritation to eyes, nose, and throat.
Acute effects: N.Ap
Other effects: Sensitization to product: Not known to occur
Synergistic product: Not identified

SECTION VII - PREVENTATIVE MEASURES

Personal protective Equipment: NIOSH or other approved respirators is recommended to be worn.
Gloves (Specify): N.Ap
Respiratory (Specify): Approved respirator type depends on concentration of dust in work area.
Eye (Specify): Goggles
Footwear (Specify): N.Ap
Clothing (Specify): N.Ap
Other (Specify): N.Ap

Engineering Controls (e.g. ventilation, enclosed process, specify): Adequate ventilation to maintain dust concentration below threshold limit value (TLV).

Leak and Spill Procedure: Avoid dry sweeping. Use ventilated vacuum or water spray to avoid creating dust. Repair broken bags.


Handling Procedures and Equipment: Avoid creating dust. Maintain good housekeeping practices. Wear appropriate NIOSH or other approved respirators.

Storage Requirements: None
Special Shipping Information: None

SECTION VIII - FIRST AID MEASURES

Skin: N.Ap
Eye: Flush with copious amounts of water for 15 minutes. Consult physician if irritation persists.
Inhalation: Remove to fresh air and remove source of irritation. Consult physician if symptoms occur/persist.
Ingestion: N.Ap

General Advise: Review health regulations for silica exposure pertaining to specific province or territory. Avoid dust creation and practice good housekeeping. Wear appropriate NIOSH approved respirator.

SECTION IX - PREPARATION DATE OF M.S.D.S.

Additional Information/Comments: The level of respirable silica will increase dramatically during size reduction.

Prepared by: Gordon Dickie, BSc Geology, General Manager
Ph. # 1-902-758-4700
Date: March 2010

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