Material Safety Data Sheet
L210

Section 1 - Product Information

Product Name: L210
Description: Clay/Mineral blend used for Pottery (moist pugged)
Product Use: Pottery
CEPA Status: All ingredients listed on Canadian domestic substances list (DSL)

WHMIS Class: No hazardous classes apply
EPA TSCA Status: All ingredients are included in the inventory

Section 2 - Hazardous Ingredients

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>%</th>
<th>CAS Number</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Respirable Free Silica (Quartz)</td>
<td>14808-60-7</td>
<td>10 mg/m³</td>
<td>0.05 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

*Note: Free Silica is not a hazard in moist or wet form, it is only a hazard if clay is dry and dust is generated.

Section 3 - Physical Data

Physical State: Solid
Physical Properties Not Applicable:

Odour and Appearance:
Light grey-green powder, light green pugged

*"pugged" refers to the wet plastic material

Section 4 - Fire and Explosion Data

Flammability: ☐ Yes ☑ No Consider dust as Non-Flammable and Non-Explosive


Products of Decomposition During Kiln Burning: Carbon Monoxide, Carbon Dioxide and possible traces of Sulfur Dioxide. Vent kiln during firing.

Section 5 - Reactivity Data

Chemical Stability: ☐ Yes ☑ No
Conditions of Instability: None
Solubility in Water: No
Incompatibility with Other Substances ☐ Yes ☑ No
Incompatible Substances: None
Hazardous Decomposition Products: See section 4
Reactivity, and Under What Conditions: Inert and Non-Reactive
Section 6 - Toxicological Properties

Route of Entry: ☐ Skin Contact ☐ Skin Absorption ☐ Eye Contact ☒ Inhalation ☐ Ingestion

Effect of Acute Exposure to Product: A nuisance dust, heavy exposure may cause mechanical irritation of the respiratory tract.

Irritancy of Product: Mechanical Irritant Only

Non-Applicable Properties: Sensitization, Teratogenicity, Reproductive Toxicity, Mutagenicity

Effects of Chronic Exposure to Respirable Quartz Dust: IARC has found evidence for the carcinogenicity of crystalline quartz. Avoid prolonged or repeated inhalation of dust. Long term exposure may cause silicosis.

Exposure Limits to Quartz: TLV = 0.1 mg/m³ respirable dust

Synergistic Products: Tobacco smoke will increase lung damage

Section 7 - Preventive Measures

Personal Protective Equipment

<table>
<thead>
<tr>
<th>Gloves:</th>
<th>Special Clothing:</th>
<th>Eye:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Req’d</td>
<td>Not Req’d</td>
<td>May cause mechanical irritation on direct contact or where contact lenses are worn in high dust conditions</td>
</tr>
</tbody>
</table>

Footwear: Not applicable unless wet material is a slip hazard

Respirator (Specify): Approved Respirator where TLV exceeded

Ventilation: Local exhaust or other ventilation that will reduce dust concentration to less than permissible exposure limits is recommended

Leak and Spill Procedure: Aqueous slurry is a slipping hazard. If dry minimize excessive dust generation, if sweeping use dust suppressant.

Skin Contact: Wash with water.

Waste Disposal at Landfill: Treat this as a blend of naturally occurring minerals.

Storage Requirements: No special requirements, store powders in dry area.

Special Shipping Information: Not required.

Education: Many governments require that personnel working with crystalline silica receive training in safe work habits, respiratory protection and health risks.

Clothing: Do not wear clothing dusted with this product in your home.

Section 8 - First Aid Measures

Skin - Wash with water

Eyes - Flush with running water until material is removed

Section 9 - Preparation Data of MSDS

Prepared by Plainsman Clays Limited  Phone Number (403) 527-8535  Date: Nov 1, 2006