**SECTION 1 - PRODUCT IDENTIFICATION AND USE**

<table>
<thead>
<tr>
<th>PRODUCT IDENTIFIER</th>
<th>Prepared and Blended Clays</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT USE</td>
<td>Ceramic Sculpture, Modelling and Casting.</td>
</tr>
</tbody>
</table>

| PRODUCT IDENTIFICATION NUMBER (PIN) | P380 |

**SECTION 2 - HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>%</th>
<th>CAS NUMBER</th>
<th>LD₅₀ OF INGREDIENT</th>
<th>LC₅₀ OF INGREDIENT</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>FREE SILICA (QUARTZ)</em></td>
<td>10-16</td>
<td>14808-60-7</td>
<td>NOT AVAILABLE</td>
<td>NOT AVAILABLE</td>
</tr>
</tbody>
</table>

**NOTES:**

* FREE SILICA IS NOT HAZARD IN MOIST FORM, ONLY A HAZARD IF CLAY IS DRY AND DUST IS GENERATED.

**SECTION 3 - PHYSICAL DATA**

<table>
<thead>
<tr>
<th>PHYSICAL STATE</th>
<th>SOLID</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODOUR AND APPEARANCE</td>
<td>White colour with slight earthy odour.</td>
</tr>
</tbody>
</table>

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLAMMABILITY**

| YES ☑ NO ☐ | CONSIDER DUST AS NON-FI.AMMABLE AND NON-EXPLOSIVE |

**SECTION 5 - REACTIVITY DATA**

**CHEMICAL STABILITY**

| YES ☑ NO ☐ | CONDITIONS OF INSTABILITY | None. |

**INCOMPATIBILITY WITH OTHER SUBSTANCES**

| YES ☑ NO ☐ | INCOMPATIBLE SUBSTANCES | None. |

**REACTIVITY, AND UNDER WHAT CONDITIONS**

Inert and Non-Reactive.

**HAZARDOUS DECOMPOSITION PRODUCTS**

WILL NOT OCCUR

**PRODUCT OF DECOMPOSITION DURING KILN BURNING**

CARBON MONOXIDE, CARBON DIOXIDE AND POSSIBLE TRACES OF SULFUR DIOXIDE. VENT KILN DURING BURNING.
SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY  
☐ SKIN CONTACT  ☐ SKIN ABSORPTION  ☐ EYE CONTACT  ☐ INHALATION  ☐ INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT  
A NUISANCE DUST, SEE CHRONIC EFFECTS

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT  
LONG TERM EXPOSURE TO RESPIRABLE FREE SILICA IN CONCENTRATIONS HIGHER THAN RECOMMENDED TLV MAY CAUSE LUNG INJURY.

EXPOSURE LIMITS  
TLV: 1 mg/m³ RESPIRABLE DUST

IRRITANCY OF PRODUCT  
MECHANICAL IRRITANT ONLY

SYNERGISTIC PRODUCTS  
TOBACCO SMOKE MAY INCREASE LUNG DAMAGE

NON APPLICABLE PROPERTIES:
Sensitization, Carcinogenicity, Teratogenicity, Reproductive Toxicity, Mutagenicity

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (Specify)  NOT REQ'D
FOOTWEAR (Specify)  NOT REQ'D
RESPIRATOR (Specify)  APPROVED RESPIRATOR WHERE TLV IS EXCEEDED
CLOTHING (Specify)  NOT REQ'D
EYE (Specify)  SAFETY GLASSES FOR COMFORT ONLY
OTHER (Specify)  NONE

ENGINEERING CONTROLS (Specify)  LOCAL EXHAUST OR OTHER VENTILATION THAT WILL REDUCE DUST CONCENTRATION TO LESS THAN PERMISSIBLE EXPOSURE LIMITS IS RECOMMENDED

LEAK AND SPILL PROCEDURE  IF CLAY IS MOIST, NO SPECIAL PRECAUTIONS REQUIRED. IF DRY, CLEAN UP AND COLLECT, MINIMIZING EXCESSIVE DUST GENERATION.

WASTE DISPOSAL  BY APPROVED METHOD

HANDLING PROCEDURES AND EQUIPMENT  IF CLAY IS DRY, CONTROLS SHOULD BE USED TO MAINTAIN "FREE" SILICA DUST EXPOSURE LEVELS BELOW TLV.

STORAGE REQUIREMENTS  NO SPECIAL REQUIREMENTS

SPECIAL SHIPPING INFORMATION  NOT REQUIRED

SECTION 8 - FIRST AID MEASURES

SPECIFIC 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: April 1, 1994

FURTHER PHYSICAL PROPERTIES AND DESCRIPTIVE LITERATURE AVAILABLE ON REQUEST.