MATERIAL DATA SAFETY SHEET

SECTION 1 – IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

Coyote Liquid Underglazes

Distributor's Name: Coyote Clay & Color, 5107 Edith Blvd NE, Albuquerque, NM 87107

Emergency (U.S.) Phone Numbers: 505-344-2250

Non-Emergency (U.S.) Phone Number: NA

Supersedes Date: NA

USE: Ceramic Underglaze

Preparation Date: April 17, 2007

SECTION 2 – COMPOSITION/INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>CAS</th>
<th>Maximum %</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&lt;50.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Clay/Kaolin</td>
<td>1332-58-7</td>
<td>&lt; 20.0</td>
<td>2 mg/m^3</td>
<td>2 mg/m^3</td>
</tr>
<tr>
<td>Feldspar</td>
<td>68476-25-5</td>
<td>&lt; 25.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Frit (leadless)</td>
<td>65997-18-4</td>
<td>&lt; 10.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bentonite</td>
<td>1302-78-9</td>
<td>&lt; 3.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Pigments</td>
<td>Various</td>
<td>&lt;1-15</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Some contain cobalt or cadmium

Co –0.01 mg/ m^3
Cd- 0.01 mg/ m^3

SECTION 3 – HAZARD IDENTIFICATION

Crystalline silica (quartz), and some pigments containing cobalt or cadmium

Primary Route of Entry – Dermal, Inhalation if glaze is sprayed

SECTION 4 – FIRST-AID MEASURES

Remove from exposure.
Wash skin with soap and water.
Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.
Dilute by drinking water.

SECTION 5 – FIRE-FIGHTING MEASURES

Special Fire-Fighting Procedure – None
Extinguishing Media – None
Unusual Fire or Explosion Hazards - None
Hazardous Combustion Products - None

SECTION 6 – ACCIDENTAL RELEASE MEASURES: None
## SECTION 7 – HANDLING AND STORAGE

<table>
<thead>
<tr>
<th>Engineer Control – None</th>
<th>Procedure/Equipment - None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Practices - None</td>
<td>Procedures for Leaks or Spills - None</td>
</tr>
</tbody>
</table>

## SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Engineering Measures – Adequate ventilation (local exhaust) if sprayed</th>
<th>Personal Protective Equipment - For spray application – eye protection and respirators and protective clothing such as aprons</th>
</tr>
</thead>
</table>

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance – Colored liquid</th>
<th>Explosive Properties - None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor and Odor Threshold – Negligible</td>
<td>Partition Coefficient - None</td>
</tr>
<tr>
<td>pH – NA</td>
<td>Oxidizing Properties - None</td>
</tr>
<tr>
<td>Boiling Point - None</td>
<td>Solubility in Water - Yes</td>
</tr>
<tr>
<td>Vapor Pressure – NA</td>
<td>Percent Volatile - None</td>
</tr>
<tr>
<td>Vapor Density – NA</td>
<td>Evaporation Rate - None</td>
</tr>
<tr>
<td>Melting/Softening Point – NA</td>
<td>Freezing Point - NA</td>
</tr>
<tr>
<td>Specific Gravity – Unknown</td>
<td>Flash Point – None</td>
</tr>
<tr>
<td>Flammable Limits – None</td>
<td>Auto-Ignition Temperature - None</td>
</tr>
</tbody>
</table>

## SECTION 10 – STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Stability – Stable</th>
<th>Hazardous Polymerization - None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous Decomposition Products – NA</td>
<td>Conditions to Avoid - Fumes from firing in kiln</td>
</tr>
</tbody>
</table>

| Incompatibility – None |

## SECTION 11 – TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Hazard to Humans - Animal Experiment - Acute</th>
<th>Chronic/Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>None during normal use. Inhalation if sprayed</td>
<td>-- None in not inhaled</td>
</tr>
</tbody>
</table>

| Additional Information | This material contains silica a know carcinogen (by inhalation). Some pigments contain encapsulated cadmium, cobalt or chromium know carcinogens (by inhalation) |

## SECTION 12 – ECOLOGICAL INFORMATION

| --- | None |

## SECTION 13 – DISPOSAL INFORMATION
SECTION 14 – TRANSPORTATION INFORMATION
- None

SECTION 15 – REGULATORY INFORMATION
Silica, cadmium, chromium and cobalt are listed by California Proposition 65.
Silica, cadmium, chromium and cobalt are listed on the IARC, OSHA, or NTP carcinogen list.
All ingredients are on U.S. TSCA inventory.
SARA Section 313 - None
See local requirements.

SECTION 16 - OTHER INFORMATION
Regulated for use in art and craft by CPSC (LHAMA)
MATERIAL DATA SAFETY SHEET

SECTION 1 – IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

Product Name: Coyote Underglaze Dry
Distributor’s Name: Coyote Clay & Color, 5125 Edith Blvd NE, Albuquerque, NM 87107
Emergency (U.S.) Phone Numbers: 505-344-2250
Use: Ceramic Underglaze
Preparation Date: April 17, 2007
Supersedes Date: NA

SECTION 2 – COMPOSITION/INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>CAS</th>
<th>Maximum %</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay/Kaolin</td>
<td>1332-58-7</td>
<td>&lt; 40.0</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>Feldspar</td>
<td>68476-25-5</td>
<td>&lt; 50.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Frit (leadless)</td>
<td>65997-18-4</td>
<td>&lt; 20.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bentonite</td>
<td>1302-78-9</td>
<td>&lt; 6.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Pigments</td>
<td>Various</td>
<td>&lt;1-15</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Co –0.01 mg/ m³</td>
<td>Co-0.1mg/ m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cd- 0.01 mg/ m³</td>
<td>Cd 0.005 mg/ m³</td>
</tr>
</tbody>
</table>

SECTION 3 - HAZARD IDENTIFICATION

Crystalline silica (quartz) may be present and some pigments containing chromium, cobalt or cadmium
Primary Route of Entry – Dermal, Inhalation of dust or glaze if sprayed

SECTION 4 - FIRST-AID MEASURES

If Inhaled - Remove from exposure.
If on Skin - Wash skin with soap and water.
If in Eyes - Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.
If Swallowed - Dilute by drinking water.

SECTION 5 - FIRE-FIGHTING MEASURES

Special Fire-Fighting Procedure – None
Extinguishing Media – None
Unusual Fire or Explosion Hazards - None
Hazardous Combustion Products - None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

None

SECTION 7 – HANDLING AND STORAGE


<table>
<thead>
<tr>
<th>Engineer Control – None</th>
<th>Procedure/Equipment - None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Practices - None</td>
<td>Procedures for Leaks or Spills - None</td>
</tr>
</tbody>
</table>

### SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Measures** – Adequate ventilation (local exhaust) during mixing or if sprayed
- **Personal Protective Equipment** - For spray application and mixing -- eye protection and respirators and protective clothing such as aprons

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance** – Powder
- **Explosive Properties** - None
- **Odor and Odor Threshold** – Negligible
- **Partition Coefficient** - None
- **PH** – NA
- **Oxidizing Properties** - None
- **Boiling Point** - None
- **Solubility in Water** - Yes
- **Vapor Pressure** – NA
- **Percent Volatile** - None
- **Vapor Density** – NA
- **Evaporation Rate** - None
- **Melting/Softening Point** – NA
- **Freezing Point** - NA
- **Specific Gravity** – Unknown
- **Flammable Limits** - None
- **Auto-Ignition Temperature** - None

### SECTION 10 – STABILITY AND REACTIVITY

- **Stability** – Stable
- **Hazardous Polymerization** - None
- **Hazardous Decomposition Products** – NA
- **Conditions to Avoid** - Fumes from firing in kiln
- **Incompatibility** – None

### SECTION 11 – TOXICOLOGICAL INFORMATION

**Hazard to Humans - Animal Experiment**

- **Acute** - None
- **Chronic/Other** – Dust may be produced during mixing and spraying of glaze may result in inhalation. None if not inhaled

**Additional Information** This material contains silica a know carcinogen (by inhalation).

Some pigments contain encapsulated cadmium, cobalt or chromium know carcinogens (by inhalation).

### SECTION 12 – ECOLOGICAL INFORMATION

--- None

### SECTION 13 – DISPOSAL INFORMATION
Follow Local, State And Federal Regulations

SECTION 14 – TRANSPORTATION INFORMATION
- None

SECTION 15 – REGULATORY INFORMATION
Silica, chromium, cadmium and cobalt are listed by California Proposition 65.
Silica, chromium, cadmium and cobalt are listed on the IARC, OSHA, or NTP carcinogen list.
All ingredients are on U.S. TSCA inventory.
SARA Section 313 - None
See local requirements.

SECTION 16 - OTHER INFORMATION
Regulated for use in art and craft by CPSC (LHAMA)