MATERIAL SAFETY DATA SHEET

Section I - Product and Company Information

Product Name: Vapor Prime Vapor Retarder
CAS Number: Mixture
Hazard Rating: Health: 1 Fire: 1 Reactivity: 0 PPI: E
EPA Registration: NA

Company Identification: Acrylic Technologies, Inc.
8914 NE Alderwood Road
Portland, Oregon 97220

Contact: CUSTOMER SERVICE
Telephone/Fax: (503) 282-2591 / (503) 552-1441
Emergency Phone (24 Hour): INFOTRAC (800) 535-5053

Product Class: Waterbase Primer
Trade Name: Vapor Prime Vapor Barrier Primer

Section II - Ingredient And Hazard Information

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS Number</th>
<th>Wt.%</th>
<th>NFPA (USA)</th>
<th>WHMIS (Canada)</th>
<th>Transport Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate, Limestone</td>
<td>1317-65-3</td>
<td>&lt; 20</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Kaolin Clay</td>
<td>1332-58-7</td>
<td>&lt; 8</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Talc</td>
<td>14807-96-6</td>
<td>&lt; 4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>&lt; 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

Section III - Hazards Identification

Primary Routes of Entry: Ingestion and/or inhalation.

Carcinogenicity:
- Titanium Dioxide: A4, Group 2B, Not Listed
- Silica, quartz: A2, Group 1, Known Human Carcinogen
- Talc: A4, Group 3, Not Listed

Acute (Short Term) For Product:
- EYES: Causes irritation.
- SKIN: May cause skin irritation upon prolonged or repeated contact.
- BREATHING: Causes slight irritation to nose and throat. High concentrations of dust or airborne mist from spraying may cause irritation of the upper respiratory tract with symptoms such as coughing, sneezing, and shortness of breath.
- SWALLOWING: Ingestion may cause nausea, vomiting, diarrhea.
Chronic (Long Term) For Product or Components:
Prolonged or repeated breathing of sprays, mists, or dusts in excess of the suggested TLV may cause nasal and respiratory irritations. This product contains quartz silica. Sanding the dried product may release quartz silica into the air. Prolonged and repeated exposure to airborne free respirable quartz silica can result in lung disease and/or lung cancer.

Permissible Exposure Level for Product:
No Threshold Limit Value (TLV) has been established for the product. Current Adopted Values listed by ACGIH suggests a TLV of 10 mg/m³ as Inhalable Particulates Not Otherwise Classified for sprays, mists or dust particulates generated during application or handling exposures.

Section IV - First Aid Measures

If In Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation continues, see a physician.

If On Skin: Flush skin with water.

If Swallowed: Induce vomiting. Call a physician immediately. Give large amounts of water or milk. Never give anything by mouth to an unconscious or convulsing person.

If Breathed: Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

Section V - Fire-fighting Measures

Flammability Class: Not Applicable

Flash Range: >200F

Explosive Range: Not Applicable.

Extinguishing Media: Product is non-combustible.

Special Firefighting Procedures: Use self-contained breathing apparatus with full face piece.

Unusual Fire & Explosion Hazards: None.

Section VI - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Small Spills: Contain spill immediately. Use inert material to absorb spilled material. Place absorbed spill into secure container for removal.

Large Spills: Use caution; spilled material may be extremely slippery. Contain spill immediately and prevent from entering the sewer system. Use an inert material to absorb spilled product.

Note: Rinsing this material down a sanitary sewer system can cause negative impact on monitoring systems. Contact local sewer authorities before attempting any discharges.
Section VII - Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Protect From Freezing: Store product between 40 deg. F. and 120 deg. F. Frozen product may be irreversibly damaged. Product should be kept out of direct sunlight at all times. Keep container closed when not using.

Section VIII - Exposure Controls/Personal Protection

Occupational Exposure Limits:

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate, Limestone</td>
<td>Inhalable dust, 10 (for PNOS)</td>
<td>Total dust, 15</td>
</tr>
<tr>
<td></td>
<td>Respirable dust, 3 (for PNOS)</td>
<td>Respirable dust, 5</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>10 mg/m3</td>
<td>15 mg/m3, total</td>
</tr>
<tr>
<td>Kaolin Clay</td>
<td>2mg/m3</td>
<td>15mg/m3, total / 5mg/m3, respirable</td>
</tr>
<tr>
<td>Talc</td>
<td>2mg/m3 (respirable particulate)</td>
<td>20 mppci</td>
</tr>
<tr>
<td></td>
<td>Containing no asbestos or quartz silica</td>
<td></td>
</tr>
</tbody>
</table>

Respiratory Protection: Use an approved MSHA or NIOSH respirator for nuisance mists, dusts, or sprays.

Ventilation: Use adequate ventilation to keep airborne concentrations below the exposure standard listed in Section II and/or Section V.

Protective Gloves: None normally required. Use is advisable.

Eye Protection: Wear approved splashproof chemical goggles. In a controlled environment where eye contact is minimal, Safety glasses with side shields may be sufficient protection.

Other Protective Equipment: Avoid contact with clothing, dried product may be irremovable.

Section IX - Physical And Chemical Properties

Form: Liquid

Appearance/Colour: White

Odour: Mild

Solubility (in water): Dispersible

pH Value: 8.5 - 10.0

Boiling Range: (Water) 212°F (100°C)

Vapour Pressure (mmHg): (Water) 17.8@ 68°F (20°C)

Melting Point: Not Available

Evaporation Rate: Unavailable

Vapour Density: Non Volatile

Partition Coefficient: Not Available

% Volatile Volume: Including Water 60.8%

Specific Gravity: 1.42633

VOC: < 10 grams per Liter

Molecular Weight: Mixture
Section X - Stability and Reactivity

Stability: This product is stable

Hazardous Polymerization: Hazardous polymerization will not occur

Incompatability: None

Conditions To Avoid: Acids, strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

Section XI - Toxicological Information

Lethal Dose Information (ppm)

Additional Toxicological Data For Product And/or Ingredients:
None known for product.

Section XII - Ecological Information

ECOLOGICAL INFORMATION FOR PRODUCT AND/OR INGREDIENTS:
Aquatic toxicity not available.

Section XIII - Disposal Considerations

EPA Hazardous Waste Number: None

WASTE DISPOSAL METHOD: Product must be disposed of properly under Federal/State regulations for industrial waste. Disposal to a landfill may be permitted pending compliance with 40 CFR 264.314 & 265.314. This product when spilled or disposed of is a non-hazardous waste as defined in RCRA regulations (40 CFR 261).

Section XIV - Transport Information

UN Number: None

UN Pack Group: NA

UN Class: NA

ICAO/IATA Class: None

DOT Hazard Class: Not Hazardous
CANADIAN TDG/WHMIS INFORMATION:

Pin Number: None
Tdg: NA
Tdg Act Class: NA
Whmis: NA
Other Names: None

Section XV - Regulatory Information

EEC Classification: Irritant

This product is not a listed hazardous substance.

California Proposition 65: This product may contain substances known to the State of California to cause cancer: Quartz silica (airborne particulates of respirable size) and trace amount of acetaldehyde.

Section XVI - Other Information

Additional Precautions And Notes: Do not dilute or mix with other materials unless advised by supplier.

VOC INFORMATION VOC Content: <45 g/L