

MSDS Name: VAPOR PRIME  
MSDS Number: CTVB-01  
MSDS Date: Nov 2014

## 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

NFPA (USA)	WHMIS (Canada)	Transport Symbol
NA	NA	NA

Hazardous Ingredients:	CAS Number	Wt.%
Calcium Carbonate, Limestone	1317-65-3	< 20
Kaolin Clay	1332-58-7	< 8
Talc	14807-96-6	< 4
Titanium Dioxide	13463-67-7	< 3

### Section III - Hazards Identification

**Primary Routes of Entry:** Ingestion and/or inhalation.

Carcinogenicity:	ACGIH	IARC	NTP
Titanium Dioxide	A4	Group2B	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.

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**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/m<sup>3</sup> 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.

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## 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

<b>Occupational Exposure Limits:</b>	ACGIH TLV	OSHA PEL
Calcium Carbonate, Limestone	Inhalable dust, 10 (for PNOS) Respirable dust, 3 (for PNOS)	Total dust, 15 Respirable dust, 5
Titanium Dioxide	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> , total
Kaolin Clay	2mg/m <sup>3</sup>	15mg/m <sup>3</sup> ,total /5mg/m <sup>3</sup> , respirable
Talc	2mg/m <sup>3</sup> (respirable particulate) Containing no asbestos or quartz silica	20 mppci

**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

<b>Form:</b>	Liquid
<b>Appearance/Colour:</b>	White
<b>Odour:</b>	Mild
<b>Solubility (in water):</b>	Dispersible
<b>pH Value:</b>	8.5 - 10.0
<b>Boiling Range:</b>	(Water) 212°F (100°C)
<b>Vapour Pressure (mmHg):</b>	(Water) 17.@ 68°F (20°C)
<b>Melting Point:</b>	Not Available
<b>Evaporation Rate:</b>	Unavailable
<b>Vapour Density:</b>	Non Volatile
<b>Partition Coefficient:</b>	Not Available
<b>% Volatile Volume:</b>	Including Water 60.8%
<b>Specific Gravity:</b>	1.42633
<b>VOC:</b>	< 10 grams per Liter
<b>Molecular Weight:</b>	Mixture

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## 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

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**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 (air-borne 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