

# VAPROSHIELD, LLC

## MATERIAL SAFETY DATA SHEET

### I PRODUCT IDENTIFICATION

**DISTRIBUTOR NAME AND ADDRESS:** VaproShield, LLC  
915 26<sup>th</sup> Avenue, Suite C5  
Gig Harbor, WA 98335

**FOR CHEMICAL EMERGENCY  
Spill, Leak, Fire Exposure or Accident  
CALL INFOTRAC – Day or Night:** 800/535-5053

**PRODUCT TRADE NAME:** VaproLiqui-Flash™

### II HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	ACGIH TLV/TWA	OSHA PEL/TWA
Calcium carbonate*	1317-65-3	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Precipitated Calcium Carbonate*	471-34-1	10mg/m <sup>3</sup>	ND
Organofunctional Silane Ester	1760-24-3	ND	ND
Proprietary Polymers**	--	ND	ND

\* Exposure limits are provided for information only. This chemical is not in a respirable form in this product.

\*\* Proprietary polymer identity declared as Trade Secret in accordance with OSHA hazard communication regulations.

### III PHYSICAL DATA

	<b>pH</b>	<b>SPECIFIC GRAVITY</b>	<b>SOLUBILITY IN WATER</b>	<b>APPEARANCE AND ODOR</b>
VaproLiqui-Flash™	N/A	~ 1.4 – 1.5	non-soluble	Heavy paste mild odor
		<b>BOILING POINT</b>	<b>VAPOR PRESSURE</b>	<b>EVAPORATION RATE</b>
		ND	ND	ND

### IV FIRE AND EXPLOSION HAZARD DATA

#### EMERGENCY OVERVIEW

VaproShield VaproLiqui-Flash™ is a heavy paste with mild odor. Can cause skin and eye irritation. This product bonds tenaciously after curing in the presence of water or moist air. Remove material immediately as described in the First Aid section of the MSDS.

**FLASH POINT (METHOD):** >200° F

**FLAMMABLE LIMITS:** Not determined.

**EXTINGUISHING MEDIA:** For small fires, use carbon dioxide, dry chemical or chemical foam. For large fires, use water spray, fog or foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Move containers from area if can be done without risk.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No known unusual hazards in a fire/explosion situation.

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## V HEALTH HAZARD DATA

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**PRIMARY ROUTES OF EXPOSURE:** Eyes, skin contact, and inhalation.

**CARCINOGEN INFORMATION:** NA

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Eye or skin disease.

**EFFECTS OF OVEREXPOSURE:** Can cause eye and skin irritation. Swallowing large amounts may be harmful.

**EYE CONTACT:** Can cause eye irritation. Symptoms include stinging, tearing, redness or swelling.

**SKIN CONTACT:** Can cause skin irritation. Symptoms may include redness, itching or swelling.

**INHALATION:** Breathing large amounts of vapor may be harmful. Due to the viscosity, rapid curing and minimal volatility of raw materials in this product, no significant vapor exposure is expected in typical exterior applications.

**INGESTION:** Swallowing large amounts may be harmful.

### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** Immediately rinse eyes with plenty of water. Remove any contact lenses. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Continue flushing eyes with running water for at least 15 minutes. Get medical attention if irritation develops.

**SKIN CONTACT:** Wipe off material with a dry cloth. Follow with a non-aqueous skin cleaner and rinse with clean water. Get medical attention if irritation develops and persists.

**INHALATION:** Remove from area to fresh air. If symptoms persist, get medical attention.

**INGESTION:** DO NOT induce vomiting. DO NOT give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

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## VI REACTIVITY DATA

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**STABILITY:** Stable

**CONDITIONS TO AVOID:** Avoid temperatures above 120°F.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Avoid contact with acids and oxidizers

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:** May form oxides of carbon and various unidentified organic compounds.

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## VII SPILL OR LEAK PROCEDURES

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**SPILL, LEAK, WASTE DISPOSAL PROCEDURES:** Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Shovel into suitable container for disposal.

**WASTE DISPOSAL METHODS:** Do not dump into any sewers, on the ground or into any body of water. This product is not classified as hazardous waste. Dispose of in a manner approved for this material or in an approved waste facility. Small amounts of material may be allowed to cure and disposed of as solids at a municipal waste landfill. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Completely empty container before disposing in a sanitary landfill.

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## VIII SPECIAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** Use a dust/mist respirator if aerosols are present during spraying operations.

**VENTILATION:** Provide adequate ventilation to keep area below established exposure levels. Use cross ventilation, local exhaust or general dilution ventilation system if installing indoors.

**PROTECTIVE CLOTHING:** Wear protective clothing such as long-sleeved work shirt and pants, work boots and rubber gloves as needed to protect the skin from exposure to this product.

**PROTECTIVE GLOVES:** Work gloves as needed to minimize skin contact. Wear nitrile or similar materials if standard work gloves are becoming saturated.

**EYE PROTECTION:** Safety glasses with side shields are recommended. Splash resistant goggles or a face shield should be used if splashing is possible.

**OTHER PROTECTIVE EQUIPMENT:** Access to an eyewash is recommended. Provide dry wiping cloths, non-aqueous hand cleaner and clean water for washing skin.

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## IX SPECIAL PRECAUTIONS

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**WORK PRACTICES:** This product bonds tenaciously after curing in the presence of water or moist air. Remove spilled material immediately- wipe first with a dry cloth or scraper. Follow with a non-aqueous hand cleaner to remove from skin. Proper work practices and planning should be utilized to avoid contact with workers and passersby. See the Product Data Sheet and label for specific precautions to be taken during use. Smoking, eating and drinking should be discouraged during the use of this, or any, chemical product. Clean hands before breaks and at the end of a shift.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Wear appropriate safety equipment and clothing. Avoid contact with eyes, skin and clothing. Do not touch face with hands or gloves that may be contaminated with this product. Do not take internally.

Store in a cool, dry, well-ventilated place. Keep containers tightly closed when not dispensing product.

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## X REGULATORY INFORMATION

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**SHIPPING:** Classified as non-hazardous for all transport modes.

**SARA 313 REPORTABLE:**

CHEMICAL NAME	CAS	UPPERBOUND CONCENTRATION % BY WEIGHT
NA	NA	NA

**CALIFORNIA PROPOSITION 65:** Contains titanium dioxide, an ingredient included in the State of California, Proposition 65 List. It is listed due to airborne exposure for free particulates. Due to the characteristics of VaproShield VaproLiqui-Flash™ airborne exposure to titanium dioxide is not a relevant exposure pathway; thus, this product is not subject to the Prop 65 labeling requirements.

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## XI OTHER

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**MSDS Status:**           **Date of Revision:** April 30, 2014  
**For Product Manufactured After:** June 11, 2012  
**Changes:** Multiple changes due to technical review  
**Item #:** PLVS70400  
**Approved By:** Regulatory Department

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## DISCLAIMER:

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. **VaproShield, LLC expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.** This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**DATE OF PREPARATION:** April 30, 2014