

Issue Date 2016.07.28

**SECTION 1 – PRODUCT IDENTIFICATION**

**Product Name:** VaproLiqui-Flash™  
**Product Codes:** 70400  
**Manufacture:** VAPROSHIELD, LLC  
 915 26<sup>TH</sup> Ave. NW, #C-5  
 Gig Harbor, WA 9335  
 866-731-7663  
**Product Information:** 8:00 AM – 5:00 PM PST Monday-Friday 1-866-731-7663  
**Emergency Contact:** 24/7 INFOTRAC: 1-800-535-5053  
**Chemical Name:** N/A  
**Chemical Family:** Silyl Terminated Polyether  
**Formula:** Mixture - N/A

**SECTION 2 - HAZARDS IDENTIFICATION**

**GLOBAL HARMONIZATION LABELING AND CLASSIFICATION:**

**Hazard Symbols/Pictogram:** GHS08



**EMERGENCY OVERVIEW:**

**PHYSICAL DESCRIPTION:** This product is a past/Gel Liquid.

**HEALTH HAZARDS:** May damage fertility or the unborn child.

**PRECAUTIONARY STATEMENTS:**

**PREVENTION:** Obtain special instructions before use

Do not handle until all safety precautions have been read and

understood Use personal protective equipment as required

**RESPONSE:** IF exposed or concerned: Get medical advice/attention

**STORAGE:** Store locked up

**DISPOSAL:** Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified

(HNOC) Other Information

1.78002% of the mixture consists of ingredient(s) of unknown toxicity

**SECTION 3 - COMPOSITION/INFORMATION**

Percentages of the following:

Component	CAS-No.	Weight - %
Limestone	1317-65-3	15 - 40
Proprietary - Silyl Terminated Polyether	Undisclosed	10 - 30
Precipitated Calcium Carbonate	471-34-1	10 - 30

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### SECTION 3 - COMPOSITION/INFORMATION (Continued)

Percentages of the following:

Component	CAS-No.	Weight - %
Polypropylene glycol	25322-69-4	10 - 30
Stearic acid	57-11-4	1 - 5
Aminoethyl aminopropyl trimethoxy silane	1760-24-3	1 - 5
Dibutyltin Diacetyldiacetate	22673-19-4	0.1 - 1

### SECTION 4 - FIRST AID MEASURES

#### Emergency Overview:

- General advice** If symptoms persist, call a physician.
- Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
- Skin Contact** Wipe off material with a dry cloth. Wash skin with soap and water. If symptoms persist, call a physician.
- Inhalation** Remove to fresh air. Call a physician.
- Ingestion** Do NOT induce vomiting. Drink plenty of water. Rinse mouth. If symptoms persist, call a physician.

**Self-protection of the first aider** Use personal protective equipment as required.

#### Most important symptoms and effects, both acute and delayed:

**Symptoms** May cause irritation. May be harmful if swallowed.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

### SECTION 5 - FIRE-FIGHTING MEASURES

**Flash point:** Not Applicable

**Auto ignition temperature:** No Data

**Fire and Explosion Hazard:** Hazardous combustion products: No information available.

**Firefighting Instructions:** Wear self-contained breathing apparatus and protective suit. Use extinguishing measures that are appropriate for any surrounding fires.

**Caution:** Use of water spray when fighting fire may be inefficient.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Environmental precautions:** Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

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**Methods for containment:** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up:** Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

### SECTION 7 - HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

**Storage:** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children

**Incompatible materials:** Acids incompatible with oxidizing agents.

### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Personal Protection Equipment

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin and body protection:** Wear protective gloves and protective clothing.

**Respiratory protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations:** Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required.

#### Exposure Guidelines

Exposure Limit Values

Chemical Name	PEL (OSHA)	TLV (ACGIH)	IDLH (NIOSH)
Limestone 1317-65-3	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction		TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Precipitated Calcium Carbonate 471-34-1	-		TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Dibutyltin Diacetyldiacetonate 22673-19-4	TWA: 0.1 mg/m <sup>3</sup> Sn (vacated) TWA: 0.1 mg/m <sup>3</sup> Sn (vacated) S*	STEL: 0.2 mg/m <sup>3</sup> Sn TWA: 0.1 mg/m <sup>3</sup> Sn S*	IDLH: 25 mg/m <sup>3</sup> Sn TWA: 0.1 mg/m <sup>3</sup> except Cyhexatin Sn

NIOSH IDLH *Immediately Dangerous to Life or Health*

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**Other Information:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Past/Gel Liquid
<b>Color:</b>	black
<b>Odor:</b>	mild
<b>pH</b>	Not Applicable
<b>Melting point/freezing point</b>	No information available
<b>Boiling point/boiling range</b>	No information available
<b>Flash point</b>	> 100 °C / > 212 °F
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limits in Air</b>	
Upper flammability limits	No information available
Lower flammability limit	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	1.45 - 1.60
<b>Water solubility</b>	insoluble
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available

### SECTION 10 – STABILITY AND REACTIVITY

**Hazardous decomposition products:** Carbon monoxide, Carbon dioxide, hydrogen bromide, hydrocarbons and other possible toxic combustion products.

### SECTION 11 – TOXICOLOGY INFORMATION

Oral LD50:	unknown
Skin Irritation:	non-irritant
Eye Irritation:	non-irritant
Skin Sensitization:	not a skin sensitizer
Further Information:	The product is a polymer and is not known to produce toxic effects.

### SECTION 12: ECOLOGICAL INFORMATION

Aquatic / Terrestrial Toxicity: The product is a polymer and is not expected to produce toxic effects.

Additional Ecological

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Information: This product has no known eco-toxicological effects.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** The polypropylene fabric portion is 100% recyclable. Recycling is preferred to disposal or incineration.

The polyester fabric disposal: incineration or landfill in accordance with Federal, State and Local regulations.

Disposal of the polypropylene matrix in accordance with all local, regional, national and international regulations.

### SECTION 14: TRANSPORTATION INFORMATION

Not classified as dangerous for transport regulations.

### SECTION 15: REGULATORY INFORMATION

**SARA section 313:** This product contains <15% antimony compounds as its chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 301

**California Prop. 65:** This product contains chemicals known to the State of California to cause cancer, birth defects or any other harm.

### SECTION 16: OTHER INFORMATION

**Contact Person:** SDS Coordinator, 915 26<sup>TH</sup> Ave. NW, #C-5, Gig Harbor, WA 9335, Phone: 866-731-7663

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