

## 1. Product and Company Identification

<b>Product Code:</b>	00053	
<b>Product Name:</b>	VINYL PROTECTANT	
<b>Company Name:</b>	APCO, LLC	<b>Phone Number:</b>
	29 Fitch Street	(877)877-2726
	New Haven, CT 06515	
<b>Web site address:</b>	www.apcoproducts.com	
<b>Emergency Contact:</b>	CERTS (Health & Environmental only)	(800)552-3787
<b>Information:</b>		(877)877-2726

## 2. Hazards Identification

**GHS Signal Word:**

**GHS Hazard Phrases:** No phrases apply.

**GHS Precaution Phrases:** No phrases apply.

**GHS Response Phrases:** No phrases apply.

**GHS Storage and Disposal Phrases:** No phrases apply.

**Hazard Rating System:**

<b>HEALTH</b>		0
<b>FLAMMABILITY</b>		0
<b>PHYSICAL</b>		0
<b>PPE</b>		

**HMIS:**

**Potential Health Effects (Acute and Chronic):**

Chronic: Exposure to large doses may cause central nervous system depression. Chronic ingestion may cause lactic acidosis and possible seizures. Exposures to propylene glycol having no adverse effects on the mother should have no effect on the fetus. Birth defects are unlikely. In animal studies, propylene glycol has been shown not to interfere with reproduction.

**Inhalation:**

Low hazard for normal industrial handling. Inhalation of a mist of this material may cause respiratory tract irritation. Material has a low vapor pressure at room temperature, so exposure to vapor is not likely.

**Skin Contact:**

May be absorbed through damaged or abraded skin in harmful amounts. Allergic reactions have been reported. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts. Prolonged contact is essentially non-irritating to skin. Repeated exposures may cause problems. Negative results have consistently been obtained in guinea pigs studies for sensitization. 1,,2-Propylene glycol is not considered an occupational skin sensitizer. (CHEMINFO)

**Eye Contact:**

May cause slight transient injury.

**Ingestion:**

May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Low hazard for usual industrial handling. May cause hemoglobinuric nephrosis. May cause changes in surface EEG.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
9006-65-9	Dimethicone	<10.0 %
57-55-6	Propylene glycol {1,2-Propanediol }	< 2.0 %

## 4. First Aid Measures

### Emergency and First Aid

#### Procedures:

- In Case of Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
- In Case of Skin Contact:** In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
- In Case of Eye Contact:** In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes. Get medical aid.
- In Case of Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.
- Note to Physician:** Persons with impaired kidney function may be more susceptible to the effects of this substance. None known.

## 5. Fire Fighting Measures

- Flash Pt:** > 101.00 C Method Used: Closed Cup
- Explosive Limits:** LEL: UEL:
- Autoignition Pt:** NA
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

### Flammable Properties and Hazards:

## 6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

## 7. Handling and Storage

- Precautions To Be Taken in Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
- Precautions To Be Taken in Storing:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9006-65-9	Dimethicone			
57-55-6	Propylene glycol {1,2-Propanediol }			

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<b>Respiratory Equipment (Specify Type):</b>	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.
<b>Eye Protection:</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Protective Gloves:</b>	Wear appropriate protective gloves to prevent skin exposure.
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Engineering Controls (Ventilation etc.):</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

### 9. Physical and Chemical Properties

<b>Physical States:</b>	<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Blue emulsion. bland.		
<b>Freezing Point:</b>	< 0.00 C		
<b>Boiling Point:</b>	> 100.00 C		
<b>Decomposition Temperature:</b>	NA		
<b>Autoignition Pt:</b>	NA		
<b>Flash Pt:</b>	> 101.00 C Method Used: Closed Cup		
<b>Explosive Limits:</b>	LEL:		UEL:
<b>Specific Gravity (Water = 1):</b>	0.955 - 0.965 at 70.0 F		
<b>Vapor Pressure (vs. Air or mm Hg):</b>	NA		
<b>Vapor Density (vs. Air = 1):</b>	> 1		
<b>Evaporation Rate:</b>	> 1 (H2O=1)		
<b>Solubility in Water:</b>	Slightly soluble in water.		
<b>Solubility Notes:</b>			
<b>pH:</b>	8 - 10		
<b>Percent Volatile:</b>	> 70.0 % by weight.		

### 10. Stability and Reactivity

<b>Stability:</b>	Unstable <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>
<b>Conditions To Avoid - Instability:</b>	Excess heat, moist air.	
<b>Incompatibility - Materials To Avoid:</b>	Strong acids.	
<b>Hazardous Decomposition Or Byproducts:</b>	Carbon monoxide, Carbon dioxide.	
<b>Possibility of Hazardous Reactions:</b>	Will occur <input checked="" type="checkbox"/>	Will not occur <input type="checkbox"/>
<b>Conditions To Avoid - Hazardous Reactions:</b>		

## 11. Toxicological Information

### Toxicological Information:

**Carcinogenicity/Other Information:** CAS# 57-55-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
9006-65-9	Dimethicone	n.a.	n.a.	n.a.	n.a.
57-55-6	Propylene glycol {1,2-Propanediol }	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

### General Ecological Information:

Ecotoxicity: Water flea Daphnia: EC50 10000 mg/L; 48 HrUnspecified, Bacteria: Phytobacterium phosphoreum: EC50 = 710 mg/L; 30 min; Microtox testFish: Goldfish: LC50 5000 mg/L; 24 Hr; UnspecifiedFish: Guppy: LC50 1000 mg/L; 48 Hr; Unspecified If released to water, 1,2-propanediol is expected to degrade relatively rapidly via biodegradation. If released to soil, relatively rapid biodegradation should also occur. Significant leaching in soil can be predicted.

Environmental: If released to the atmosphere, it is degraded rapidly by reaction with photochemically produced hydroxyl radicals (typical half-life of 32 hr). Physical removal from air by rainfall is possible.

Physical: No information available.

Other: No information available.

## 13. Disposal Considerations

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

## 14. Transport Information

### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

### LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** Not Regulated.

## 15. Regulatory Information

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
9006-65-9	Dimethicone	No	No	No
57-55-6	Propylene glycol {1,2-Propanediol }	No	No	No

### CAS # Hazardous Components (Chemical Name)

### Other US EPA or State Lists

9006-65-9	Dimethicone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - 8A; CA PROP.65: No
57-55-6	Propylene glycol {1,2-Propanediol }	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

## 16. Other Information

**Revision Date:** 10/09/2014

**Additional Information About  
This Product:**

**Company Policy or**

**Disclaimer:**

THE INFORMATION CONTAINED HEREIN is based upon available information at the time of preparation and is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that the information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or any other user proximately caused by the material if misused or if reasonable safety procedures are not adhered to as stipulated in the data sheet and on the product label. Furthermore, vendor assumes no responsibility for injury or damage caused by abnormal use of this material even if reasonable safety measures are followed.