

# Material Safety Data Sheet

Date last reviewed: January 1, 2008

## I. General Information

Chemical Name & Synonyms Proprietary Mixture	Trade Name & Synonyms Leadstop
Chemical Family Coating	Formula Mixture
Proper DOT Shipping Name Not Regulated	DOT Hazard Classification N/A
Manufacturer Dumond Chemicals, Inc.	Manufacturer's Phone Number (212) 869-6350
Manufacturer's Address 1501 Broadway, New York, NY 10036	Emergency Number: (800) 457-4280

## II. Ingredients

Principal Hazardous Components	CAS #	%	PEL	TLV	Other
Titanium Dioxide	13463-67-7	10-20	15 mg/m <sup>3</sup> (total dust) TWA	10 mg/m <sup>3</sup> TWA	
Aluminum Hydroxide	21645-51-2	5-15	5 mg/m <sup>3</sup> (respirable fraction) TWA	3 mg/m <sup>3</sup> (respirable fraction) TWA	
Crystalline Silica	112926-00-8	0-2	10 mg/m <sup>3</sup> % Silica +O <sub>2</sub>	10 mg/m <sup>3</sup> TWA	
Ethylene Glycol*	107-21-1	1-5	None Established	100 mg/m <sup>3</sup> (aerosol) Ceiling	
Propylene Glycol	57-55-6	1-5	None Established	None Established	50 ppm ACGIH WEEL
Acrylic Polymer	Mixture	10-20	None Established	None Established	

\*SARA 313: Ethylene Glycol is a regulated chemical under SARA Title III, Section 313.

## III. Physical Data

Boiling Point (°F) Greater than 212°F	Specific Gravity (H <sub>2</sub> O =1) 1.24
Vapor Pressure (mm Hg @ 25°C) Not determined	Percent Volatile by Volume (%) 90%
Vapor Density (Air=1) Not determined	Evaporation Rate (Butyl Acetate =1) Not determined
Solubility in Water Dispersible	pH Not determined
Appearance & Odor White viscous liquid with a latex paint odor.	

## IV. Fire & Explosion Hazard Data

Flash Point (Test Method) Not applicable	Autoignition Temperature Not applicable	
Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media Use media appropriate for the surrounding fire.		
Special Fire Fighting Procedures Wear full emergency equipment and NIOSH approved positive pressure SCBA. Cool containers with water.		
Unusual Fire & Explosion Hazards Material may splatter at temperatures greater than 212°F.		
HMIS Ratings	Health: 2*	Flammability: 0
		Reactivity: 0

## V. Health Hazard Data

OSHA Permissible Exposure Limit See Section II	ACGIH Threshold Limit Value See Section II
Carcinogen - NTP Program Yes	Carcinogen - IARC Yes
Symptoms of Exposure <u>Acute Effects:</u> Eyes: May cause slight irritation. Skin: May cause slight irritation on prolonged contact. Inhalation: May cause respiratory irritation, headache and nausea. High concentrations may cause symptoms similar to those listed under ingestion. Ingestion: Swallowing may cause nausea and diarrhea. Large amounts may cause abdominal pain, nausea, dizziness, drowsiness, visual disturbances, irritability, back pain, decreased urine output, kidney failure and central nervous system effects. <u>Chronic Effects:</u> Prolonged overexposure may result in kidney or liver damage. Ethylene glycol has been found to cause birth defects in laboratory animals. Contains crystalline silica. Prolonged overexposure to silica may result in a progressive disabling lung disease, silicosis, and increase the risk of lung cancer. Under normal use, no exposure to silica is expected.	
Medical Conditions Aggravated By Exposure: Persons with pre-existing kidney or liver disorders.	
Primary Route(s) of Entry Eye, skin, inhalation, ingestion	
Emergency First Aid Eye: Immediately flush with water for 15 minutes. Get medical attention. Skin: Wash thoroughly w/soap & water. Remove contaminated clothing. Get medical attention for irritation. Inhalation: Remove to fresh air. If breathing has stopped give artificial respiration. Get medical attention. Ingestion: If conscious, rinse mouth out with water. Get medical attention.	

## IV. Reactivity Data

Stability	X	Unstable Stable	Conditions to Avoid N/A
Incompatibility Avoid strong oxidizers, bases and acids.			
Hazardous Polymerization	X	May Occur Will Not Occur	Conditions to Avoid N/A
Hazardous Decomposition Carbon dioxide, carbon monoxide and acrylic polymers.			

## VII. Environmental Protection Procedures

Spill Response Wear appropriate protective clothing. Collect with an absorbent material and place into a suitable container for disposal. Keep from entering sewers and waterways.
Waste Disposal Method Dispose of in accordance with all state, local and federal regulations.

## VIII. Special Protection Information

Eye Protection Chemical safety glasses if contact is likely.	Skin Protection Neoprene gloves for prolonged contact.
Respiratory Protection (Specific Type) None needed under normal use conditions. If the TLV is exceeded, use a NIOSH approved organic vapor respirator with a dust/mist pre-filter.	Ventilation Recommended Good general ventilation should be adequate under normal conditions. If the exposure limit is exceeded, local exhaust ventilation is recommended.
Other Protection None required.	

## IX. Special Precautions

Hygienic Practices in Handling & Storage Store in a cool, well ventilated area away. Keep container closed when not in use.
Work Practices Avoid eye and prolonged skin contact. Wash thoroughly after handling. Keep from freezing.
Other Precautions Empty containers retain residue. Follow all MSDS precautions in handling empty containers.