

Safety Data Sheet

LIQUID POLY

SECTION 1. IDENTIFICATION

Product Identifier	Liquid Poly
Other Means of Identification	N/A
Recommended Use	Use on metal, concrete, glass
Restrictions on Use	Always do a small test area before application to observe any adverse effects.
Initial Supplier Identifier	Cornerstone Coatings International Inc.
Emergency Telephone Number	1.587.355.2219

SECTION 2. HAZARD IDENTIFICATION

Classification	N/A
Label Elements	N/A
Other Hazards	N/A

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Ethylene Glycol	111-76-Z	<-4		

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation	Move victim to fresh air
Skin Contact	Flush skin thoroughly with soap and water.
Eye Contact	Flush eyes thoroughly with water for 15 minutes. Consult a physician if irritation persists.
Ingestion	If swallowed give 2 glasses of water to drink and induce vomiting. Seek immediate medical attention. Never give anything by mouth to an unconscious person.
Most Important Symptoms and Effects, Acute and Delayed	Some eye irritation
Immediate Medical Attention and Special Treatment	N/A

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media	
Suitable Extinguishing Media	Use water to extinguish fire of polymer solids. A self contained breathing apparatus should be used for all indoor fires.
Unsuitable Extinguishing Media	N/A
Specific Hazards Arising from the Product	This product is non-combustible, but if temperatures are high enough it will boil until water is driven off then the remaining resin solids will burn. Toxic gases may be involved during fire.
Special Protective Equipment and Precautions for Fire-Fighters	None

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Use appropriate protective equipment. Avoid skin and eye contact with material.
Methods for Containment and Cleaning Up	Stop flow. Contain spill. Keep out of water courses. Absorb spill with sand, earth or other suitable material. Transfer to appropriate container for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion and contact with skin, eyes and clothing. Close container when not in use.
Conditions for Safe Storage	Keep from freezing. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
N/A				
N/A				

Notes	
Appropriate Engineering Controls	If application is in an area with no ventilation some passive ventilation should be provided.
Individual Protection Measures	
Eye/Face Protection	Chical goggles
Skin Protection	Rubber or neoprene gloves and work coveralls
Respiratory Protection	Use in a ventilated area where possible. Where to possibility of the inhalation of mist exists workmen should wear the appropriate respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky white liquid
Odour	Acrylic Odor
Odour Threshold	n/a
pH	n/a
Melting Point and Freezing Point	0°C n/a
Initial Boiling Point and Boiling Range	>100°C n/a
Flash Point	n/a
Evaporation Rate	n/a
Flammability (solid, gas)	n/a
Upper and Lower Flammability or Explosive Limit	n/a
Vapour Pressure	n/a
Vapour Density (air = 1)	>1.0
Specific Gravity	1.15
Solubility in Water	infinite
Solubility in Other Liquids	n/a
Partition Coefficient, n-Octanol / Water (Log Kow)	n/a
Auto-ignition Temperature	n/a
Decomposition Temperature	n/a
Viscosity	n/a

SECTION 10. STABILITY AND REACTIVITY

Reactivity	n/a
Chemical Stability	Yes
Possibility of Hazardous Reactions	This product is stable and hazardous polymerization will not occur under normal conditions.
Conditions to Avoid	Do not contaminate product with any acidic or basic compounds. Avoid contact with incompatible materials. Do not allow to freeze.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Upon decomposition, this product may yield oxides or nitrogen and ammonia, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity	
LC50	n/a
LD50 (oral)	n/a
LD50 (dermal)	n/a
Notes	
Ingestion	Ingestion is slightly toxic. May produces signs of intoxication characterized by incoordination, dizziness, drowsiness, headache, nausea, mental confusion, possible slurred speech and stupor depending on the quantity of material ingested. Severe kidney damage results upon ingestion of large volumes of the product. May be fatal.
Skin Corrosion / Irritation	Prolonged or repeated skin contact can cause the following: possible skin irritation. Prolonged or widespread skin contact may result in the absorption of potentially harmful amounts of material.
Serious Eye Damage / Irritation	Eye irritant
STOT (Specific Target Organ Toxicity) - Single Exposure	n/a
Aspiration Hazard	n/a
STOT (Specific Target Organ Toxicity) - Repeated Exposure	n/a
Respiratory and/or Skin Sensitization	Inhalation of vapour or mist can cause the following: headache, nausea, irritation of nose, throat, and lungs.

Carcinogenicity no data for product

Chemical Name	IARC	ACGIH®	OSHA

Notes	
Reproductive Toxicity	
Development of Offspring	n/a
Sexual Function and Fertility	n/a
Effects on or via Lactation	n/a
Germ Cell Mutagenicity	n/a
Interactive Effects	n/a

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	No data for product.
Persistence and Degradability	n/a
Bioaccumulative Potential	n/a
Mobility in Soil	n/a
Other Adverse Effects	n/a

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Product: Recommended that it can be disposed of with rubble after solidification following consultation with the waste disposal facility operator according to state, territory, and/or local government regulations, pertinent authorities and adhering to the necessary technical regulations. Uncleaned Packaging: Recommended to be disposed of according to official regulations. Recommended cleaning agent is water if necessary.
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SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Not regulated					

Special Precautions	n/a
Environmental Hazards	n/a
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	n/a

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations	n/a
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SECTION 16. OTHER INFORMATION

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*N/A means "not applicable"