

## POLY700 Water Based Epoxy Grout

### SECTION 1: General Information

**Manufactured By:** LA MARGNA INC  
 412 St-Sacrement  
 Québec, (PQ)  
 G1N 3Y3  
 (Canada)

**Contact :** 1-800-838-4237 or 1-418-688-2070

**Website:** [WWW.PROFIXSYSTEMS.COM](http://WWW.PROFIXSYSTEMS.COM)

**E-mail :** [INFO@PROFIXSYSTEMS.COM](mailto:INFO@PROFIXSYSTEMS.COM)

**In case of chemical emergency involving a spill, leak, fire, explosion, exposure or accident, contact the following:**  
 CANUTEC (Canada) 1-613-996-6666      CHEMTREC (United-States) 1-800-424-9300

### SECTION 2: Physical Characteristics

PHYSICAL APPEARANCE :	Heavy liquid
VAPOUR PRESSURE:	N/A
VAPOUR DENSITY:	N/A
BOILING POINT:	N/A
FREEZING POINT:	N/A
P.H.:	N/A
SOLUBILITY IN WATER:	Soluble
ODOUR:	Ammonia like odor
EVAPORATION RATE:	N/A
SPECIFIC GRAVITY:	0.97

### SECTION 3: Danger Evaluation

DANGEROUS INGREDIENTS	%	CAS	LD <sub>50</sub> (espèce+voie)	CL <sub>50</sub> (espèce)
EPOXY RESINE	15	25068-38-6	N/A	N/A
ALKYL C12-C14 GLYCIDYL ETHER	3-10	68609-97-2	3500mg/kg orl-rat	6100mg/L
POLY (OXYMETHYL-1,2-ETHANEDIYL) ALPHA (2AMINOMETHYLETHYL)- OMEGA (2-AMINOMETHYLETHOXY)	N/A	9046-10-0	N/A	N/A
TETRAETHYLENEPENTAMINE	N/A	112-57-2	N/A	N/A
ALCOHOL BENZYLIQUE	N/A	100-51-6	N/A	N/A
NONYLPHENOL	N/A	25154-52-3	N/A	N/A
SILICE CRISTALLINE	60-70	14808-60-7	N/A	N/A
HYDRATED AMORPHOUS SILICA	1-5	7631-86-9	N/A	N/A

### SECTION 4 : Transport

By Sea : N/A	By Air : N/A
By Grounds : N/A	Other : N/A

### SECTION 5 : Reactivity Data

<b>Stability:</b> Stable (Avoid strong oxidizing agents and sources of ignition)	<b>Materials to avoid:</b> Avoid strong oxidizing agents and strong acids and bases.
<b>Conditions to avoid:</b> Hydrates with water and is partly soluble in acids. Oxides of carbon and nitrogen will form if caught on fire.	
<b>Decomposition hazard from by-products:</b> Oxides of carbon, HBr, hydrocarbon fragments.	

## SECTION 6 : Health Hazard Data

### ABSORPTION MODES DURING HANDLING

**Inhalation?** Yes **Through Skin?** Yes **Ingestion?** Yes

#### Acute effects :

The LD 50 of the mixture has not been determined, but the mixture is not expected to be acutely toxic by inhalation. Inhalation of high concentrations will cause irritation and can cause alkaline burns of the mouth, throat and respiratory passage and may lead to chronic effects. The mixture has not been tested on laboratory animals. Based on the effects of components, contact with eyes will cause irritation and can result in alkaline burns if not flushed immediately with running water. The mixture has not been tested on laboratory animals. Based on the effects of components, prolonged or repeated contact may cause irritation. If skin is moist, irritation and alkaline burning can occur if area is not immediately flushed with running water. Not expected to be toxic by the dermal route. The oral LD 50 of the mixture has not been determined. Based on the effects of components, ingestion of large amounts can cause irritation and alkaline burning of the mouth and throat.

#### Chronic effects :

Portland cement dust can cause inflammation of the eyes and nasal passages. People with sensitive skin may experience an allergic reaction. In contact with water calcium hydroxide produces an alkaline liquid with a PH of 12 to 13, which can be a source of eye and skin irritation and burning, Inhalation or ingestion can cause irritation and burning of the mouth, throat and respiratory tract. Contains crystalline silica. Overexposure by inhalation to crystalline silica causes silicosis, an irreversible and progressive scarring of the lungs. Symptoms may include breathlessness, weakness and cough with sputum. May progress to respiratory and heart failure. The IARC classifies crystalline silica in Group 2A based on limited evidence for carcinogenicity to humans and sufficient evidence for carcinogenicity in animals.

#### Cancerogenicity :

The IARC classifies crystalline silica in Group 2A based on limited evidence for carcinogenicity to humans and sufficient evidence for carcinogenicity in animals. Portland cement dust can cause inflammation of the eyes and nasal passages.

#### Signs of overexposure :

Overexposure by inhalation to crystalline silica causes silicosis, an irreversible and progressive scarring of the lungs. Symptoms may include breathlessness, weakness and cough with sputum. May progress to respiratory and heart failure.

## SECTION 7 : Emergency and First Aid Measures

<b>Skin contact</b>	Wash thoroughly with running water. Seek medical attention if irritation persists.
<b>Inhalation</b>	Move the person to a well vented area and give fresh air. Seek medical attention.
<b>Eye contact</b>	Flush with running water, be sure to flush under eyelids, seek immediate medical attention.
<b>Ingestion</b>	Flush mouth and throat with water, dilute with large quantities of water or milk, seek immediate medical attention. Do not induce vomiting.

## SECTION 8 : Safe Use and Storage

<b>In case of spill or leakage :</b>	Stop leak if safe to do. Clean up spills immediately. Wipe or absorb with sand or other absorbent material. Flush area with dilute (5%) acetic acid.
<b>Waste disposal method :</b>	Contact local environmental agency to dispose in approved landfill.
<b>Handling and Storage :</b>	Keep container closed when not in use. Store in dry, sealed containers.
<b>Additional precautions :</b>	Wear appropriate equipment. Keep container closed when not in use.

## SECTION 9: Control Measures

<b>Respiratory protection :</b>	NIOSH/MSHA approved for crystalline silica and Portland cement.
<b>Ventilation</b>	
<b>Local :</b>	Closed system or local exhaust to prevent generation and inhalation of dust.
<b>Mechanical :</b>	Closed system or local exhaust to prevent generation and inhalation of dust.
<b>Special :</b>	N/A
<b>Other :</b>	N/A
<b>Eye protection :</b>	Safety glasses with side shields
<b>Protection gloves :</b>	Rubber or plastic. Impervious to dust.
<b>Other protection accessories or clothing :</b>	Wear a rubber apron or standard work clothes.

## SECTION 10 : Fire and explosion hazards

Flash Point	Explosive inferior limit (%)	Explosive superior limit (%)
260°C(LOC)	Non-explosive	Non-explosive
<b>Extinguishing Media :</b>		
CO <sub>2</sub> , dry chemical, foam or water spray		
<b>Special fire fighting procedures :</b>		
Wear standard fire fighting gear with self-contained breathing apparatus.		

**This MSDS sheet is valid for a period of three (3) years following the date inscribed bellow**

**MSDS sheet prepared by : Christian Houle**

**Date : 01/ 01 / 2010**

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