

# POLY800 PRECISION PART B

## WATER BASED FORMULA

### SECTION 1: General Information

Manufactured By: LA MARGNA INC  
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Quebec (PQ)  
G1N 3Y3  
(Canada)

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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 50 (SPECIES + ROUTE)	CL 50 (SPECIES)
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
EPOXY AMINE ADDUCT POLYMER	5-10	HMIRC 8269	N/A	N/A

### SECTION 4: Transport

UNREGULATED

## SECTION 5: Reactivity Data

STABILITY	Stable (Avoid strong oxidizing agents and sources of ignition)
MATERIALS TO AVOID	Avoid strong oxidizing agents and strong acids and bases.
CONDITIONS TO AVOID	Hydrates with water and is partly soluble in acids.
DECOMPOSITION HAZARD FROM BY-PRODUCTS	Oxides of carbon, HBr, hydrocarbon fragments.

## SECTION 6: Health Hazard Data

### ACUTE EFFECTS

**EYES CONTACT:** 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.

**SKIN CONTACT:** 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.

**INGESTION:** 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.

**INHALATION:** 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.

### 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

### EYE CONTACT

Flush with running water, be sure to flush under eyelids, seek immediate medical attention.

### SKIN CONTACT

Wash thoroughly with running water. Seek medical attention if irritation persists.

### INHALATION

Move the person to a well vented area and give fresh air. Seek medical attention.

### INGESTION

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

### CONTROL TECHNIQUE

External ventilation system to remove or collect dust produced.

### IN CASE OF SPILL OR LEAKAGE

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.

### WASTE DISPOSAL METHOD

Contact local environmental agency to dispose in approved landfill.

### HANDLING AND STORAGE

Keep container closed when not in use. Store in dry, sealed containers.

### ADDITIONAL PRECAUTIONS

Wear appropriate equipment. Keep container closed when not in use.

## SECTION 9: Control Measures

### PERSONAL PROTECTIVE EQUIPMENT

#### GLOVES:

Rubber or plastic.

#### RESPIRATORY EQUIPMENT:

Masks approved by MSHA / NIOSH for crystalline silica dust and Portland cement.

#### SHOES:

Resistant to dust.

#### EYES:

Safety glasses with protective shields.

#### CLOTHING:

Wear rubber apron or standard work clothes.

#### OTHER:

Emergency eye shower, separate laundry work and leisure.

#### ENGINEERING CONTROLS:

Ventilation system outside to eliminate or gathering dust produced.

## SECTION 10: Fire and explosion hazards

### FLAMMABLE

IF YES, UNDER WHAT CONDITIONS: No

EXTINGUISHING MEDIA: CO<sub>2</sub>, foam, water

FLASH POINT: 260°C (LOC)

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and nitrogen

**This MSDS sheet is valid for a period of three (3) years following the date inscribed below**  
**MSDS sheet prepared by: Daniel James-Vigeant** **Date: 01/01/2015**

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