

## FLEX GT-30 Polymer Thin Set Mortar for ceramic tiles

### SECTION 1: General Information

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

Contact: 1-800-838-4237  
Fax: 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	POWDER
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	ODOURLESS
EVAPORATION RATE	N/A
SPECIFIC GRAVITY	3.0-3.5

### SECTION 3: Danger Evaluation

DANGEROUS INGREDIENTS	Conc.%	CAS NUMBER	LD 50 (SPECIES + ROUTE)	CL 50 (SPECIES)
HYDRAULIQUE CEMENT	40-50 %	65997-15-1	10.0MG/M <sup>3</sup>	N/A
CRYSTALLINE SILICA (QUARTZ)	40-50 %	14808-60-7	0.1MG/M <sup>3</sup>	N/A

### SECTION 4: Transport

NOT REGULATED

### SECTION 5: Reactivity Data

STABILITY	Store under dry conditions.
MATERIALS TO AVOID	Avoid contact with mineral acids and strong oxidizing agents.
CONDITIONS TO AVOID	Avoid contact with mineral acids and strong oxidizing agents.
DECOMPOSITION HAZARD FROM BY-PRODUCTS	CO, CO <sub>2</sub> , acetic acid, hydrocarbon fragments.
POLYMERISATION	Will not occur.

## 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

N/A

### SIGNS OF OVEREXPOSURE

N/A

### MEDICAL CONDITIONS THAT CAN BE AGGRAVATED BY EXPOSURE

N/A

## SECTION 7: Emergency and First Aid Measures

### EYE

Rinse eyes and eyelids immediately. Seek medical attention and continue flushing eyes with running water.

### SKIN

Immediately rinse skin with running water for 30 minutes or until irritation ceases. Seek medical attention if irritation persists.

### INGESTION

Do not induce vomiting. If person is conscious give lots of water to drink. Never force an unconscious person to drink water. Seek medical attention.

### INHALATION

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

## SECTION 8: Safe Use and Storage

### IN CASE OF SPILL OR LEAKAGE

Avoid generating dust during pick-up. May be slippery when wet.

### WASTE DISPOSAL METHOD

Contact local environmental agency to dispose in approved landfill.

### HANDLING AND STORAGE

Store in dry sealed containers.

### ADDITIONAL PRECAUTIONS

Wear appropriate equipment.

## SECTION 9: Control Measures

### EMPLOYEE PROTECTION

#### RESPIRATORY PROTECTION

NIOSH/MSHA approved for crystalline silica & cement dust.

#### VENTILATION

##### EYES

Safety glasses with side shields.

##### PROTECTION GLOVES

Impervious to dust.

##### LOCAL

Closed system or local exhaust to prevent generation and inhalation of dust.

##### MECHANICAL

Closed system or local exhaust to prevent generation and inhalation of dust.

##### SPECIAL

N/A

##### OTHER

N/A

##### OTHER PROTECTION ACCESSORIES OR CLOTHING :

Emergency eyewash. Keep street and work clothes separate.

## SECTION 10: Inflammability & Explosion risks

FLASH POINT	N/A
EXPLOSIVE INFERIOR LIMIT (%)	N/A
EXPLOSIVE SUPERIOR LIMIT (%)	N/A
EXTINGUISHING MEDIA	CO <sub>2</sub> , water spray.
SPECIAL CONDITIONS THAT MAY CAUSE FIRE OR EXPLOSIONS	Contains small amounts of polymeric material. The dust from which can form explosive mixtures with air.
SPECIAL FIRE FIGHTING PROCEDURES	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 below MSDS sheet prepared by: Georges Prundus Date: 01/01/2018**

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