Material Safety Data Sheet (MSDS)

Read msds sheet before use of product

NIVEX

Self-Levelling underlayment

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

E-mail : 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	%	CAS Number	LD_{50} (SPECIES + ROUTE)	CL_{50} (SPECIES)
PORTLAND CEMENT	35-45 %	65997-15-1	10.0 Mg/M^3	Total dust
Calcium/magnesium	0.1-0.5 %	1305-78-8	N/A	N/A
CRYSTALLINE SILLICA (QUARTZ)	40-50%	14808-60-7	0.1 mg/M^3	Breathable dust
OXIDES AND HYDROXIDES	0.2-1.5	1309-48-4	N/A	Breathable dust

SECTION 4 : Transport

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

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_2, 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 scaring 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 scaring 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

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.
Eye contact	Flush with running water, be sure to flush under eyelids, seek immediate medical attention.
Ingestion	Do not induce vomiting. If person is conscious give lots of water to drink. Never force an unconscious person to drink water. Flush mouth and throat with water. Seek medical attention.

SECTION 8 : Safe Use and Storage

In case of spill or leakage :	May be slippery when wet. Avoid generating dust during pick up
Waste disposal method :	Contact local environmental agency to dispose in approved landfill.
Handling and Storage :	Store in dry sealed containers.
Additional precautions :	Wear appropriate equipement.

SECTION 9: Control Measures

Respiratory protection :	NIOSH/MSHA approved for crystalline silica and Portland cement.
Ventilation	
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
Eye protection :	Safety glasses with side shields
Protection gloves :	Impervious to dust
Other protection accessories or clothing :	Emergency eyewash. Keep street and wok clothes separate.

SECTION 10 : Fire and explosion hazards

Flash Point	Explosive inferior limit (%)	Explosive superior limit (%)
Non-explosive	Non-explosive	Non-explosive

Extinguishing Media :

CO, CO_2, acetic acid and hydrocarbon fragments.

Special conditions that may cause fire or explosions :

Contains small amounts of organic 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.