

FLEX R20 Thin-Set Mortar

SECTION 1: General Information

Manufactured By: LA MARGNA INC
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(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	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)
HYDRAULIC CEMENT	32-48 %	65997-15-1	10.0 Mg/M ³	Total dust Respirable dust
CRYSTALLINE SILICA (QUARTZ)	55-65%	14808-60-7	0.1 Mg/M ³	

SECTION 4: Transport

UNREGULATED

SECTION 5: Reactivity Data

STABILITY	Store under dry conditions.
MATERIALS TO AVOID	Avoid contact with mineral acids and strong oxidizing agents.
CONDITIONS TO AVOID DECOMPOSITION HAZARD	Avoid contact with mineral acids and strong oxidizing agents.
CONDITIONS OF REACTIVITY	Hydration with water, exothermic reaction with mineral acids.
POLYMERISATION	Will not occur.

SECTION 6: Health Risk Data

IMMEDIATE EFFECTS

INHALATION: The LD 50 of the product has not been established, but the product should not be extremely toxic by inhalation. Inhalation of high concentrations causes irritation and alkali burns to mouth, throat and respiratory tract and may cause chronic effects.

EYE CONTACT

The product has not been tested on animals. Taking into account the effects of components of the product, contact with eyes may cause irritation and cause alkali burns if the eyes are not rinsed immediately with plenty of running water.

CONTACT WITH SKIN

The product has not been tested on animals. Taking into account the effects of components of the product, prolonged or repeated contact with the skin will cause irritation. If the skin is wet or damp irritation and alkali burns can occur if the affected part is not rinsed immediately with plenty of running water.

INGESTION:

The LD 50 of the product has not been established. Taking into account the effects of components causes irritation and absorption of alkali burns of the mouth and throat.

CHRONIC

Portland cement dust can cause inflammation of the eyes and respiratory tract. People who have sensitive skin may have an allergic reaction. In contact with water, calcium hydroxide produced an alkaline solution with a pH 12 to 13 which can be a source of irritation and burns to eyes and skin. Inhalation or absorption may cause irritation or burns to the mouth, throat and respiratory tract. Overexposure by inhalation of crystalline silica causes silicosis, progressive and irreversible damage to the lungs. The symptoms may include shallow breathing, weak and coughing. The disease may progress to respiratory failure and cardiac arrest. The «IARC» class crystalline silica in Group 2A, based on limited evidence of cancer rates in humans and animals.

SECTION 7: 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. Flush mouth and throat with water. Seek medical attention.

INHALATION

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

SECTION 8: Safe Handling and use methods

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

PERSONAL PROTECTIVE EQUIPMENT

GLOVES: Resistant to dust.

RESPIRATORY: mask approved by NIOSH / MSHA for dust and crystalline silica cement.

SHOES: Resistant to dust.

EYES: Safety glasses with protective shields.

CLOTHING: Resistant to dust.

OTHER: Emergency eye shower, separate laundry work and leisure.

SECTION 10: Inflammability & Explosion risks

FLASH POINT: N/A

EXPLOSIVE INFERIOR LIMIT (%): N/A

EXPLOSIVE SUPERIOR LIMIT (%): N/A

EXTINGUISHING MEDIA: CO₂, 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: Daniel James-Vigeant

Date: 01/01/2015

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