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By Your Side.

Krytol Internal Membrane (KIM)

Material Safety Data Sheet
May 2008



**CONCRETE
WATERPROOFING**

QUESTIONS: 1-800-267-8280 or www.kryton.com

Section I – Product Identification

This MSDS covers all products listed

Product Code: **K-300, K-301**
 Product Name: Krytol Internal Membrane
 Synonym: KIM, KIM-HS
 Intended Use: Concrete admixture
 WHMIS: D2b (materials causing other toxic effects: skin or eye irritant)

Section II – Hazardous Ingredients

Ingredient:	% by weight	CAS#	Exposure Limits ACGIH TLV - TWA
silica, crystalline, quartz	15-40	14808-60-7	0.05 mg respirable dust/ m ³
Portland cement	15-40	65997-15-1	10 mg total dust / m ³

Section III – Physical Data

Colour: Grey
 Appearance: Powder
 Physical State: Solid
 Odour: Odourless
 Vapour Density: Not applicable
(compared to air=1)
 Soluble in Water: 5-15%
 Boiling Point: N/D
 Specific Gravity: 1.3
 pH: Not available

Section IV – Fire and Explosion Data

Flammable (Y/N): No
 Flash Point and Method: Not applicable
 Hazardous Combustion Products: None
 Firefighting Measures: Use methods for surrounding fire; material will not burn

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Section V – Reactivity Data

Chemical Stability:	Stable
Reactivity:	Becomes caustic when mixed with water
Incompatibility with other substances:	Mixture with strong acids and bases will cause rapid decomposition which may release CO or CO ₂
Hazardous Decomposition Products:	None

Section VI – Health Hazard Data

Route(s) of exposure:	Eyes, skin, inhalation, ingestion
Exposure Limits:	TWA 10 mg per cubic meter of airborne dust
Acute Exposure Effects:	Contact with eyes will cause severe irritation; wet material may cause irritation of the skin; inhalation of dust may cause respiratory tract irritation
Chronic Exposure Effects:	Prolonged inhalation of silica dust has been known to result in silicosis. Prolonged or repeated exposure of wet material to the skin may cause chemical burns.
Mutagenicity:	No data
Carcinogenicity:	No data
Irritancy:	Moderate
Sensitization:	N/D

Section VII – Preventative Measures

Protective Clothing to be Worn:	Wear protective goggles, long sleeves and rubber gloves
Respirator:	Dry material may produce airborne dust which may require a dust mask.
Ventilation:	Adequate ventilation must be provided for all enclosed work spaces.
Storage:	Store in the original sealed container.
Spill Procedures:	Replace in the original sealable container
Disposal Procedures:	Dispose of in accordance with local regulations.

Section VIII – First Aid Measures

Skin contact:	Flush with large amounts of clean water, use non-abrasive soap if available. Remove any contaminated clothing. If irritation persists, seek medical attention.
Eye Contact:	Remove any contact lenses. Flush with large amounts of clean water for 15 minutes. If irritation persists, seek medical attention.
Inhalation:	Immediately move victim to fresh air.
Ingestion:	Do not induce vomiting. Guard against aspiration into lungs. Get prompt medical attention. Material is not toxic. If victim is conscious and alert, give two glasses of water.

In case of a dangerous goods emergency, call: (613) 996-6666

Prepared by: Kryton International Inc., May 2008