



## SECTION I: PRODUCT INFORMATION

PRODUCT: **Sika® M-Bed® Standard**REVISION DATE: January 15<sup>th</sup>, 2015

USAGE: NON-SHRINK, CEMENTITIOUS GROUT

MANUFACTURER/SUPPLIER: SIKA CANADA INC.  
601, avenue Delmar  
Pointe Claire, QC  
H9R 4A9**EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666**TDG CLASSIFICATION: Not Regulated  
UN NUMBER: Not Established  
Packaging Group: Not ApplicableWHMIS Classification: D2A, E  
Class: Not Applicable

## SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD <sub>50</sub> (mg/kg) (species, route)	LC <sub>50</sub> (species, route)
PORTLAND CEMENT	30-60	** 10mg/m <sup>3</sup>	65997-15-1	Not Available	Not Available
SILICA SAND	40-70	ACGIH 0.025 mg/m <sup>3</sup>	14808-60-7	> 5 000 (oral, rat)	Not Available
** Breathable	dust				

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Powder  
Appearance and Odor: Grey powder, no odorOdor Threshold: Not Applicable  
Evaporation Rate: Not Applicable  
Vapor Density: Not Applicable  
Vapor Pressure: Not ApplicableBoiling Point: Not Applicable  
Freezing Point: Not Applicable  
Density: 2.8 g/ml  
Water Solubility: < 1%  
pH: Not Established  
% volatility: 0  
Water/Oil Distribution: Not Established



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: If Yes, under what conditions:	No	TDG Flammability Class:	Not Applicable
		Flammable upper limits (% vol.):	Not Applicable
		Flammable lower limits (% vol.):	Not Applicable
Extinguishing methods:	Not Applicable	Flash Point (method used):	Not Applicable
		Auto-ignition temperature:	Not Applicable
		Dangerous Combustion Products:	Not Applicable
Special Methods:	None	Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY

Chemical stability: If not, under what conditions:	Yes	Dangerous decomposition products:	Calcium hydroxide at water contact.
Incompatibility with other material: If Yes, which ones:	Yes Water	Polymerization Risks:	No



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause irritation, burns, damages to the eyes, may cause cornea inflammation.

Skin: May cause irritation, burns and allergic reactions. The cement can burn the skin without great heat sensation.

Inhalation: May cause irritation to the respiratory system, inflammation to the nose tissues. A regular exposure to the quartz silica may cause changes to the lungs' fibers and lead to silicosis.

Ingestion: May cause an irritation to the throat.

Carcinogenicity: NTP: no, OSHA: no, IARC: yes. According to the IARC the quartz silica is a probable cause of cancer.

Toxic effects on reproduction: Not established

Teratogenicity: Not established

Mutagenicity: Not established

Product with synergistic effects: Unknown

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.



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SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Ordinary; avoid direct skin contact with the cement.

Respiratory equipment: NIOSH approved mask for dust when the permissible exposure limit might be exceeded

Eyes: Safety glasses

Shoes: Ordinary

Clothing: Ordinary

Other: No

OTHERS

Ventilation: Sufficient ventilation required to control the quantity of dust.

Procedure in case of leaks: Try to recycle the product if not contaminated. Protect yourself from the dust. Pick-up the spill with vacuum in order to reduce dust inhalation.

Handling and Equipment methods: Avoid dust contact.

Warehouse Requirements: Keep all containers closed in a cool, dry area.

Special Shipping Instructions: Protect from humidity.

Waste Disposal: Harden with water and dispose like domestic garbage.



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SECTION VIII: FIRST AID

Skin: Clean with plenty of soap and water.  
Consult a physician if irritation persists.

Eyes: Clean with water for at least 15 minutes.  
Consult a physician.

Inhalation: In the case of overexposure, evacuate to fresh air.  
Consult a physician if necessary.

Ingestion: Drink plenty of water. Do not induce vomiting.  
Do not give anything by mouth to an unconscious person.  
See a physician immediately.

SECTION IX: PREPARATION INFORMATION

Prepared By: R & D of Sika Canada Inc.  
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