



## SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaRepair® 223**  
 USAGE: GEL MORTAR FOR SURFACE REPAIR

REVISION DATE: February 1<sup>st</sup>, 2015

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 Applicable

WHMIS 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)
SILICA SAND	15-40	ACGIH *0.025 mg/m <sup>3</sup>	14808-60-7	Not Available	Not Available
PORTLAND CEMENT	40-70	** 10 mg/m <sup>3</sup>	65997-15-1	Not Available	Not Available
* Total	dust				
** Breathable	dust				

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Powder  
 Appearance and Odor: Grey Powder, No odor  
 Odor Threshold: Not Applicable  
 Evaporation Rate: Not Applicable  
 Vapor Density: Not Applicable  
 Vapor Pressure: Not Applicable

Boiling 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:	No	TDG in flammability Class:	Not Applicable
If Yes, under what conditions:		Flammable upper limits (% vol.):	Not Applicable
		Flammable lower limits (% vol.):	Not Applicable
		Flash Point (method used):	Not Applicable
Extinguishing methods:	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 DATA

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

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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause irritation, burns and 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 of the nose tissues. A regular exposure to the quartz silica may cause changes to the lungs' fibers and lead to silicosis.

Ingestion: May cause 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 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 dust.

Procedure in case of leaks: Try to recycle if the product is not contaminated. Protect yourself from the dust. Pick-up the spills with a vacuum in order to prevent dust spread.

Handling and Equipment methods: Avoid dust exposure

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:	Wash with plenty of soap and water the exposed areas. Consult a physician if irritation persists.
Eyes:	Clean with water for at least 15 minutes, Consult a physician immediately.
Inhalation:	In the case of overexposure, evacuate to fresh air. Consult a physician immediately.
Ingestion:	Do not induce vomiting. Drink plenty of water. Do not give anything by mouth to an unconscious person. Consult a physician.

**SECTION IX: PREPARATION INFORMATION**

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