



SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaGrout® 212**REVISION DATE: February 1st, 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 Applicable

WHMIS Classification: D2A, E
CLASS: Not Applicable

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
PORTLAND CEMENT	30-60	** 10mg/m ³	65997-15-1	Not Available	Not Available
SILICA SAND	40-70	ACGIH *0.025 mg/m ³	14808-60-7	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: 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: Rinse eyes immediately with plenty of water keeping the eyelids open in order to ensure a complete rinsing.
This should last at least 15 minutes for maximum protection.
Consult a physician immediately.

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

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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