



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikagard® Seal** REVISION DATE: February 15, 2009

USAGE: A CONCRETE SEALER

MANUFACTURER: SIKA CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9

EMERGENCY TELEPHONE NUMBER: **CANUTEC (collect) (613) 996-6666**

TDG CLASSIFICATION: Paint related material WHMIS Classification: B2, D2A
UN NUMBER: 1263 Class: 3
Packaging Group: III

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
XYLENE	10-30	100 ppm (TWA)	1330-20-7	4300 (oral, rat)	5000 (ppm)/ (inh, 4H)
TOLUENE	3-7	200 ppm (TWA)	108-88-3	636 (oral, rat)	NOT AVAILABLE
PETROLEUM NAPHTHA	40-70	NOT AVAILABLE	64741-68-0	1840 (oral, rat)	NOT AVAILABLE
BUTYLBENZYLPHTHALATE (BBP)	1-5	5 mg/m ³ (TWA)	85-68-7	20400 (oral, rat)	NOT AVAILABLE

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	Not Available
Appearance and Odor:	Clear liquid with aromatic odor	Freezing Point:	Not Available
Odor Threshold:	Not established	Density:	0.91 g/mL
Evaporation Rate:	Not established	Water Solubility:	Not established
Vapor Density:	Not established	pH:	Not established
Vapor Pressure:	Not established	% volatility:	< 85
		Water/Oil Distribution:	Oil soluble



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Yes.	TDG inflammability Class:	3
If Yes, under what conditions:	Dangerous fire hazard. Avoid sparks, flame or static discharge.	Flammable upper limits (% vol.):	Not established
		Flammable lower limits (% vol.):	Not established
		Flash Point (method used):	27°C (TCC)
		Auto-ignition temperature:	Approx. 500°C
		Dangerous Combustion Products:	Carbon oxides.
Extinguishing methods:	Carbon Dioxide, water fog, foam or dry chemical.	Protect from mechanical impact:	No
		Protect from static discharge:	Yes
Special Methods:	Fire-fighters should wear full protective clothing including self-contained breathing apparatus since toxic gases are emitted. When heated in fire, explosive gas mixtures with air can form. Cool fire-exposed containers with water or water fog.		

SECTION V: REACTIVITY

Chemical stability:	Yes	Dangerous decomposition products:	Carbon oxides.
If not, under what conditions:			
Incompatibility with other material:	Yes	Polymerization Risks:	No
If Yes, which ones:	Strong oxidizing substances such as organic peroxides or nitric acid.		



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eyes irritation.

Carcinogenicity: No

Skin: May be irritating to the skin, may cause dermatitis. May cause defatting and drying of the skin.

Toxic effects on reproduction: No

Inhalation: May irritate the lungs, may cause an allergic reaction, central nervous system depression. May cause headaches, dizziness, and nausea. In rare cases, may cause sensitization of the heart muscle causing arrhythmia.

Teratogenicity: Xylene is classified as a development toxicant (Embryo toxin)

Mutagenicity: No

Ingestion: May cause irritation to the G.I. system.

Product with synergistic effects: Not established.

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



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SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge.

Eyes: Full-face mask or safety glasses

Shoes: Leather

Clothing: Rubber Apron

Other: Shower

OTHERS

Ventilation: Sufficient ventilation required

Procedure in case of leaks: Absorb with sand or other absorbent material.

Handling and Equipment methods: Avoid skin, eye and clothing contact

Warehouse Requirements: Keep all containers closed in a cool, dry area. Keep away from heat and open flame.

Special Shipping Instructions: See TDG class

Waste Disposal: Dispose of sand and rinse water according to municipal, provincial or federal laws for disposal of chemicals.



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SECTION VIII: FIRST AID

- Skin : Remove contaminated clothing and shoes.
Wash immediately with plenty of soap and water.
Wash clothing before re-wearing.
Consult a physician if required.
- Eyes : Rinse eyes immediately with plenty of water for several minutes to ensure a proper wash.
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

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