



SECTION I: PRODUCT INFORMATION

PRODUCT: Sika® AER^{CA}REVISION DATE: January 15th, 2015

USAGE: Air entraining admixture for exposed concrete

MANUFACTURER/SUPPLIER: SIKA CANADA INC.
 18131 – 114th Avenue N.W.
 Edmonton, AB
 T5S 1T8

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

TDG CLASSIFICATION: Not Regulated
 UN NUMBER: Not Established
 Packaging Group: Not Established

WHMIS Classification: D2B
 Class: Not Established

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (Species, route)	LC ₅₀ (Species, route)
SODIUM HYDROXIDE	1-5	2 mg/m ³	1310-73-2	500 (oral, rabbit)	Not available

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
 Appearance and Odor: Dark brown with wood resin odor
 Odor Threshold: Not Applicable
 Evaporation Rate: < 1 (Butyl Acetate = 1)
 Vapor Density: Not Applicable
 Vapor Pressure: 21.068 mm Hg @ 23°C

Boiling Point: > 100°C
 Freezing Point: < 0°C
 Density: 1.05 g/ml @ 23°C
 Water Solubility: Infinite
 pH: 10 - 12
 % volatility: Not Applicable
 Water/Oil Distribution: Not Applicable



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	No	TDG Flammability Class:	Not Regulated
If Yes, under what conditions:		Flammable upper limits (% vol.):	Not Established
		Flammable lower limits (% vol.):	Not Established
		Flash Point (method used):	Not Established
		Auto-ignition temperature:	Not Established
Extinguishing methods:	Water spray (fog) foam, dry chemical or CO ₂	Dangerous Combustion Products:	Carbon oxides
		Protect from mechanical impact:	No
Special Methods:	Fire fighters should wear the usual protective gear and NIOSH approved self-contained breathing apparatus with a full face-piece operated in the pressure demand or other positive pressure mode.	Protect from static discharge:	No

SECTION V: REACTIVITY

Chemical stability:	Yes	Dangerous decomposition products:	Carbon oxides
If not, under what conditions:			
Incompatibility with other material:	Yes	Polymerization Risks:	Not Established
If Yes, which ones:	Aluminum metal, galvanized steel and salts containing multi-valent ions (e.g.: iron, aluminum, calcium).		



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Irritating. Can cause inflammation and necrosis. (contact)

Skin: Mildly irritating and may cause drying of the skin. (contact)

Inhalation: Irritating. May cause upper respiratory irritation.

Ingestion: Moderate irritation of mouth and throat due to alkalinity. May cause diarrhea.

Carcinogenicity: Not Established

Toxic effects on reproduction: Not Established

Teratogenicity: Not Established

Mutagenicity: Not Established

Product with synergistic effects: Not Established

An acute or chronic exposure will increase the toxic effects mentioned in this section.



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SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Natural rubber, neoprene or polyethylene gloves.

Respirator: NIOSH approved mask, generally not needed with adequate ventilation. Necessary in areas of poor ventilation.

Eyes: Safety glasses. Under misty conditions, do not wear contact lenses.

Shoes: Ordinary.

Clothing: Rubber Apron.

Other: Eye wash fountain.

OTHERS

Ventilation: Sufficient ventilation required.

Procedure in case of leaks: Absorb with sand or other absorbent material. Residue may be removed with steam or hot water and soap.

Handling and Equipment methods: Avoid skin, eye and clothing contact. Maintain good personal hygiene.

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

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 and clean all contaminated clothing.
Wash with plenty of soap and water, for at least 10 minutes.
Use moisture creams on affected areas.
Consult a physician if required.
- Eyes:** Rinse immediately with luke warm water, while holding eyelids open, for at least 20 minutes.
Consult a physician if an irritation persists.
- 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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