



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sika® Aktivator LUM**REVISION DATE: January 15th, 2015

USAGE: Cleansing and Activation Agent for Sikaflex Direct Glazing Adhesive

MANUFACTURER/SUPPLIER: SIKA CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9**EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666**

TDG CLASSIFICATION: Resin solution

WHMIS Classification: B2, D2B

UN NUMBER: 1866

Class: 3

Packaging Group: II

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (route, species)	LC ₅₀ (species, route)
HEPTANE	60-100	ACGIH 400ppm (TWA) 500ppm (STEL)	142-82-5	Not available	Not available
Ethanol	5-10	ACGIH 1 000ppm (TWA)	64-17-5	7 060 (oral, rat)	Not available

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
Appearance and Odor: Clear liquid with no specific odorOdor Threshold: Not established
Evaporation Rate: Not established
Vapor Density: Not established
Vapor Pressure: Not establishedBoiling Point: Not established
Freezing Point: Not Available
Density: ~ 0.94 g/ml
Water Solubility: Not established
pH: Not established
% volatility: Not established
Water/Oil Distribution: Not established



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Yes. Dangerous fire hazard	TDG Flammability Class:	3
If Yes, under what conditions:	Avoid sparks, flame or static discharge.	Flammable upper limits (% vol.):	Not available
		Flammable lower limits (% vol.):	Not available
Extinguishing methods:	Carbon Dioxide, water fog, foam or dry chemical.	Flash Point (method used):	-10°C (TCC)
		Auto-ignition temperature:	Not available
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.	Dangerous Combustion Products:	Carbon oxides, nitrogen oxides, sulfur oxides and metal oxide(s)
		Protect from mechanical impact:	No
		Protect from static discharge:	Yes

SECTION V: REACTIVITY

Chemical stability:	Yes, but avoid temperatures above 25°C	Dangerous decomposition products:	Not be produced under normal conditions of storage and use.
If not, under what conditions:			
Incompatibility with other material:	Yes		
If Yes, which ones:	Strong oxidizing substances.	Polymerization Risks:	No



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eyes irritation.

Skin: May be irritating to the skin.

Inhalation: May be irritating to respiratory system

Ingestion: Toxic if swallowed.

Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.

Carcinogenicity: Not available

Toxic effects on reproduction: Not available

Teratogenicity: Not available

Mutagenicity: Not available

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

Prepared By: R & D of Sika Canada Inc.
 Telephone #: (514) 697-2610
 Fax #: (514) 694-2792

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