



## SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikaflex® 15LM (All color)** (MSDS# 604268) REVISION DATE: May 15, 2013

USAGE: ONE COMPONENT URETHANE BASED SEALANT

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

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

TDG CLASSIFICATION: Not Regulated WHMIS Classification: B3, D2A  
UN NUMBER: Not Established Class: Not Applicable  
Packaging Group: Not Applicable

## SECTION II: HAZARDOUS INGREDIENTS

| Hazardous ingredients                  | %     | T.L.V.                                 | # CAS         | LD <sub>50</sub> (mg/kg)<br>(species, route) | LC <sub>50</sub><br>(species, route) |
|--|-------|--|---------------|--|--------------------------------------|
| CALCIUM OXIDE                          | 1-5   | Not Available                          | 1305-78-8     | Not Available                                | Not Available                        |
| XYLENE                                 | 1-5   | ACGIH<br>100ppm (TWA)<br>150ppm (STEL) | 1330-20-7     | 4300 (rat, oral)                             | 6350ppm/4H                           |
| POLYOL AND<br>ISOCYANATE<br>PREPOLYMER | 15-40 | Not Established                        | Not Available | Not Established                              | Not Established                      |
|  |       |  |               |  |                                      |
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## SECTION III: PHYSICAL CHARACTERISTICS

|                      |                             |                         |                 |
|----------------------|-----------------------------|-------------------------|-----------------|
| Physical State:      | Paste                       | Boiling Point:          | Not Established |
| Appearance and Odor: | Aromatic odor colored paste | Freezing Point:         | Not Established |
| Odor Threshold:      | Not Established             | Density:                | 1,19 g/ml       |
| Evaporation Rate:    | Not Established             | Water Solubility:       | Not Established |
| Vapor Density:       | Not Established             | pH:                     | Not Established |
| Vapor Pressure:      | Not Established             | % volatile:             | < 4             |
|                      |                             | Water/Oil Distribution: | Not Established |



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: Combustible  
 If Yes, under what conditions: Flame, spark

Extinguishing methods: Foam, dry chemical products, CO<sub>2</sub>, water for large flames.

Special Methods: Firefighters must wear complete protective clothing with respiratory equipment and they must protect any exposed skin. Heated isocyanates react strongly with water.

TDG Flammability Class: Not Regulated  
 Flammable upper limits (% vol.): Not Established  
 Flammable lower limits (% vol.): Not Established  
 Flash Point (method used): ~61.6°C (TCC)  
 Auto-ignition temperature: Not Established  
 Dangerous Combustion: Carbon oxides, Aldehydes, Ketones, HCL, Nitrogen Oxide, TDI, MDI

Protect from mechanical impact: No  
 Protect from static discharge: No

SECTION V: REACTIVITY DATA

Chemical stability: Yes  
 If not, under what conditions

Incompatibility with other material: Yes  
 If Yes, which ones: Water, alcohols and amines.

Dangerous decomposition products: Carbon oxides, Aldehydes, Ketones, HCL, Nitrogen Oxide, TDI, MDI

Polymerization Risks: No



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Irritating.

Skin: Irritating. Contact may result in dermatitis, allergic reactions, sensitization

Inhalation: Vapor or mist from this product may cause irritation.

Ingestion: May cause nausea, vomiting, diarrhea, gastro-intestinal system disorder, constipation.

Over exposure may cause breathing difficulties, sensitization, headaches, nausea, vomiting. May aggravate respiratory, skin, eye, lung problems and allergies.

If the product is applied according to the manufacturer, none of these symptoms should be encountered.

A person who is sensitized to isocyanate may have a reaction with a level of isocyanate well below the T.L.V.

Xylene is a central nervous system depressor and in rare cases, may cause a sensitization of the heart muscle causing arrhythmia.

Carcinogenicity: Not Established

Toxic effects on reproduction: Not Established

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

Mutagenicity: Not Established

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: Use chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge if TLV could be exceeded.

Eyes: Full-face mask or safety glasses

Shoes: Leather

Clothing: Rubber Apron

Other: Eye wash station, 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 and well ventilated 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 water.  
Wash clothing before re-wearing.  
Consult a physician if required.

**Eyes:** Rinse eyes immediately with plenty of water for several minutes, while holding eyelids wide open, to ensure a proper wash.  
See 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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