



Sika Canada Inc.

## MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT INFORMATION

PRODUCT: **Loadflex® PART B** REVISION DATE: February 1<sup>st</sup>, 2012

USAGE: TWO-COMPONENT SEALANT

MANUFACTURER/SUPPLIER: 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: D2B, E  
UN NUMBER: 3066 Class: 8  
Packaging Group: II

## SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD <sub>50</sub> (mg/kg) (species, route)	LC <sub>50</sub> (species, route)
CYCLO ALIPHATIC AMINE	60-100	Not Available	Not Available	Not Available	400 mg/m <sup>3</sup> /4H
2,4,6 TRIS (DIMETHYLAMINO METHYL) PHENOL	10-30	Not Available	90-72-2	Not Available	Not Available

APPROVED MATERIAL

MAR 05 2012

MSDS # 11153

APPROVED BY *[Signature]*

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid  
Appearance and Odor: Amber liquid with amine odor

Odor Threshold: Not Established  
Evaporation Rate: Not Applicable  
Vapor Density: Not Established  
Vapor Pressure: Not Established

Boiling Point: Not Established  
Freezing Point: Not Established  
Density: 0.95 g/ml  
Water Solubility: Partial  
pH: Alkaline  
% volatility: 0  
Water/Oil Distribution: Oil Soluble



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**SECTION IV: FIRE AND EXPLOSION HAZARDS**

<p>Flammability: <b>No</b></p> <p>If Yes, under what conditions: <b>Liquid will support combustion in fire</b></p> <p>Extinguishing methods: <b>Carbon Dioxide, water fog, foam or dry chemical.</b></p> <p>Special Methods: <b>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.</b></p>	<p>TDG Flammability Class: <b>None</b></p> <p>Flammable upper limits (% vol.): <b>Not Established</b></p> <p>Flammable lower limits (% vol.): <b>Not Established</b></p> <p>Flash Point (method used): <b>&gt; 93.3°C (TCC)</b></p> <p>Auto-ignition temperature: <b>Not Established</b></p> <p>Dangerous Combustion Products: <b>Carbon oxides, nitrogen oxides, aldehyde, ketone.</b></p> <p>Protect from mechanical impact: <b>No</b></p> <p>Protect from static discharge: <b>No</b></p>
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**SECTION V: REACTIVITY**

<p>Chemical stability: <b>Yes, but avoid heat, an open flame and all other ignition sources.</b></p> <p>If not, under what conditions:</p> <p>Incompatibility with other material: <b>Yes</b></p> <p>If Yes, which ones: <b>Strong oxidizing substances such as organic peroxides or nitric acid.</b></p>	<p>Dangerous decomposition products: <b>Carbon oxides, nitrogen oxides, aldehyde, ketone.</b></p> <p>Polymerization Risks: <b>No</b></p>
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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause irritations, may cause severe burns, and may cause blindness.

Skin: May be irritating, may be absorbed by the skin, may cause severe burns, may cause dermatitis, necrosis, allergic reaction, sensitization.

Inhalation: Vapors or mist of this product may cause irritation.

Ingestion: May cause severe burns to the mouth, throat, and stomach. May cause vomiting, dizziness, diarrhea, damages to the lungs, and death.

Carcinogenicity: Not Established

Toxic effects on reproduction: Not Established

Teratogenicity: Not Established

Mutagenicity: Not Established

Product with synergistic effects: Not Established

An over exposure may cause breathing difficulty, sensitization, headaches, nausea, vomiting, lung damages.

May accentuate respiratory, eye, lung, skin and allergic problems.

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: Chemical resistant gloves.  
Respiratory equipment: Not necessary in a well-ventilated room.  
Eyes: Facial mask or Safety glasses  
Shoes: Leather  
Clothing: Rubber Apron  
Other: Shower and eye bath

**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 soap and water.  
Throw out shoes that were dirtied on the inside.  
Wash clothes before wearing again.  
Consult a physician if required.
- Eyes:** Rinse eyes immediately (within 1 minute) with plenty of water keeping the eyelids open in order to ensure a complete rinsing.  
This should last at least 10 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: The Laboratory, Research and Development Department of Sika Canada Inc.  
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