



## SECTION I: PRODUCT INFORMATION

PRODUCT: **Loadflex® PART A** REVISION DATE: February 5, 2007

USAGE: PART A OF A 2-PART EPOXY-URETHANE FLEXIBLE JOINT FILLER

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

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

TDG CLASSIFICATION: Non Regulated  
UN NUMBER: Not Applicable  
Packaging Group: Not Applicable

WHMIS Classification: D2B  
Class: Not Applicable

## SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD <sub>50</sub> (mg/kg) (species, route)	LC <sub>50</sub> (species, route)
LIQUID EPOXY RESIN	10-30	Not Available	025068-38-6	11400 (oral, rat)	Not Available
MINERAL SPIRITS	1-5	Not Available	064742-48-9	> 5000 (oral, rat)	Not Available

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid  
Appearance and Odor: Grey, mild odor  
Odor Threshold: Not Available  
Evaporation Rate: Not Applicable  
Vapor Density: Not Applicable  
Vapor Pressure: Not Applicable

Boiling Point: > 300°C  
Freezing Point: Not Applicable  
Density: 1.10 g/ml  
Water Solubility: No  
PH: Not Established  
% volatility: Not Established  
Water/Oil Distribution: Oil Soluble



PRODUCT: **Loadflex® PART A**

**SECTION IV: FIRE AND EXPLOSION HAZARDS**

Flammability: No  
 If Yes, under what conditions: Liquid will support combustion in fire.

Extinguishing methods: Carbon Dioxide, water fog, foam or dry chemical.

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.

TDG Flammability Class: Not Regulated  
 Flammable upper limits (% vol.): Not Applicable  
 Flammable lower limits (% vol.): Not Applicable  
 Flash Point (method used): > 93.3°C (TCC)  
 Auto-ignition temperature: Not Established  
 Dangerous Combustion Products: Carbon oxides, nitrogen oxides, TDI, phenol and organic toxic vapors.

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

**SECTION V: REACTIVITY DATA**

Chemical stability: No  
 If not, under what conditions: Temperatures above 40°C

Incompatibility with other material: Yes  
 If Yes, which ones: Caustic solution, tertiary amines, strong acids and strong bases.

Dangerous decomposition products: Carbon oxides, nitrogen oxides, TDI, phenol and organic toxic vapors.

Polymerization Risks: No.



PRODUCT: **Loadflex®** PART A

**SECTION VI: TOXIC PROPERTIES**

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations.

Skin: May be irritating to the skin, may cause sensitization.

Inhalation: May irritate lungs, may cause an allergic reaction.

Ingestion: May cause irritation to the gastrointestinal system.

Carcinogenicity: No

Toxic effects on reproduction: No

Teratogenicity: No

Mutagenicity: No

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.



PRODUCT: **Loadflex®** PART A

**SECTION VII: PREVENTIVE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT**

Gloves: Chemical resistant gloves.

Respiratory equipment: Not necessary in a well-ventilated room.

Eyes: 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. Residue may be removed with steam or hot water and soap. All precautions should be taken when cleaning the spill with solvent.

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.



PRODUCT: **Loadflex®** PART A

**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 at least 15 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: Steve Gosselin  
Telephone #: (514) 697-2610  
Fax #: (514) 694-2792

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## SECTION I: PRODUCT INFORMATION

PRODUCT: **Loadflex® PART B** REVISION DATE: February 5, 2007

USAGE: TWO-COMPONENT SEALANT

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: 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	Skin 5 PPM	90-72-2	1630 (oral, rat)	0,5 mg/L/4H Inh, rat

## 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



PRODUCT: **Loadflex® PART B**

**SECTION IV: FIRE AND EXPLOSION HAZARDS**

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

**SECTION V: REACTIVITY**

Chemical stability:	Yes, but avoid heat, an open flame and all other ignition sources.	Dangerous decomposition products:	Carbon oxides, nitrogen oxides, aldehyde, ketone.
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.		



PRODUCT: **Loadflex®** PART B

**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: No

Toxic effects on reproduction: No

Teratogenicity: No

Mutagenicity: No

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.



PRODUCT: **Loadflex®** PART B

**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.



PRODUCT: Loadflex® PART B

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:** Steve Gosselin  
**Telephone #:** (514) 697-2610  
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