



## SECTION I: PRODUCT INFORMATION

PRODUCT: LOADFLEX® 2 PART A REVISION DATE: February 15, 2006

USAGE: SEMI-RIGID, EPOXY CONTROL JOINT SEALER

MANUFACTURER: SIKA CANADA INC.  
601, avenue Delmar  
Pointe Claire, QC  
H9R 4A9  
(514) 697-2610

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

TDG CLASSIFICATION: Not Regulated

UN NUMBER: Not Regulated

Packaging Group: Not Regulated

WHMIS Classification : D2B

Class: Not Regulated

## SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD <sub>50</sub> (mg/kg) (species, route)	LC <sub>50</sub> (species, route)
EPOXY RESIN	60-80	Not Available	25068-38-6	Not Available	Not Available
BLOCKED PREPOLYMER	<20	Not Available.	Not Established	Not Available	Not Available
ALIPHATIC GLYCIDYL ETHER	<5	Not Available	16245-97-9	Not Available	Not Available

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State	: Liquid	Boiling Point	: Not Established
Appearance and Odor	: Grey viscous liquid with low odor	Freezing Point	: Not Established
Odor Threshold	: Not Established	Density	: >1.1 g/ml
Evaporation Rate	: Not Established	Solubility in water	: None
Vapor Density	: Not established	PH	: Not Established
Vapor Pressure	: Not Established	% volatile	: Not Established
		Coefficient water/oil	: Not Established



PRODUCT: LOADFLEX® 2 PART A

**SECTION IV: FIRE AND EXPLOSION HAZARDS**

Flammability If Yes, under what conditions	:No :	TDG Flammability Class Flammable upper limits (% vol.) Flammable lower limits (% vol.) Flash Point (method used)	:Not Regulated :Not Established :Not Established :> 96 °C
Extinguishing methods:	Foam, CO <sub>2</sub> , water fog.	Auto-ignition temperature Dangerous Combustion Products:	:Not Established CO, CO <sub>2</sub> , NOX
Special Methods:	Fire fighters must wear usual protective clothing and respiratory equipment. A water hose may be used to cool the containers and dissipate the vapors.	Protect from mechanical impact Protect from static discharge	:No :No

**SECTION V: REACTIVITY DATA**

Chemical stability If not, under what conditions	:Yes :Excessive heat will degrade epoxy resin	Dangerous decomposition products Polymerization Risks	:CO, CO <sub>2</sub> , NOX :No
Incompatibility with other material If Yes, which ones	: Yes :Strong oxidizers, Strong Bases Strong Acids		



PRODUCT: LOADFLEX® 2 PART A

**SECTION VI: TOXIC PROPERTIES**

ROUTE OF ENTRY / CONTACT

Eyes: May cause irritation, sensitization.

Carcinogenicity :No

Skin: May cause irritation, sensitization.

Toxic effects on reproduction :No

Inhalation: Vapor or mist may cause irritation, allergic reaction.

Teratogenicity :No

Ingestion: May cause irritation, sensitization to the gastro-intestinal system.

Mutagenicity :No

Product with synergistic effect. :No

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



PRODUCT: LOADFLEX® 2 PART A

**SECTION VII: PREVENTIVE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT**

Gloves: Chemical resistant gloves.

Respiratory equipment: Not necessary under normal use. NIOSH/MSHA approved mask for organic vapor if the ventilation is inadequate

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 area.

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® 2 PART A

**SECTION VIII: FIRST AID**

- Skin : Remove contaminated clothing and shoes.  
Wash immediately with plenty of soap and water.  
Discard shoes with interior contamination.  
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.  
The eye rinse within the first minute is essential to ensure 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  
Fax # : (514) 694-2792

**Notice To Reader**

*The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.*



## SECTION I: PRODUCT INFORMATION

PRODUCT: LOADFLEX® 2 PART B REVISION DATE: February 15, 2006

USAGE: SEMI-RIGID, EPOXY CONTROL JOINT SEALER

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

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

TDG CLASSIFICATION: Amines, Liquid, Corrosive, N.O.S. (Amine Blends)

UN NUMBER: 2735 WHMIS Classification : D2B, E  
Packaging Group: III Class: 8

## SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD <sub>50</sub> (mg/kg) (species, route)	LC <sub>50</sub> (species, route)
AMINE BLEND	100	Not Available	140-31-8	Not Available	Not Available
		Not Available	100-51-6	Not Available	Not Available
		Not Available.	143-23-7	Not Available	Not Available
		Not Available	84852-15-3	Not Available	Not Available

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State	: Liquid	Boiling Point	: Not Established
Appearance and Odor	: Amber liquid with strong odor	Freezing Point	: Not Established
Odor Threshold	: Not Established	Density	: >0.96 g/ml
Evaporation Rate	: Not Established	Solubility in water	: None
Vapor Density	: Not established	PH	: Not Established
Vapor Pressure	: Not Established	% volatile	: Not Established
		Coefficient water/oil	: Not Established



PRODUCT: LOADFLEX® 2 PART B

**SECTION IV: FIRE AND EXPLOSION HAZARDS**

Flammability If Yes, under what conditions	:No :	TDG Flammability Class Flammable upper limits (% vol.) Flammable lower limits (% vol.) Flash Point (method used) Auto-ignition temperature Dangerous Combustion Products:	:Not Regulated :Not Established :Not Established :> 96 °C (TCC) :Not Established CO, CO <sub>2</sub> , NOX
Extinguishing methods:	Foam, CO <sub>2</sub> , water fog.		
Special Methods:	Fire fighters must wear usual protective clothing and respiratory equipment. A water hose may be used to cool the containers and dissipate the vapors.	Protect from mechanical impact  Protect from static discharge	:No  :No

**SECTION V: REACTIVITY DATA**

Chemical stability If not, under what conditions	:Yes :	Dangerous decomposition products  Polymerization Risks	:CO, CO <sub>2</sub> , NOX  :No
Incompatibility with other material If Yes, which ones	: Yes : Strong oxidizers, strong bases, and strong acids.		



PRODUCT: LOADFLEX® 2 PART B

**SECTION VI: TOXIC PROPERTIES**

ROUTE OF ENTRY / CONTACT

Eyes: May cause irritation, sensitization.

Skin: May cause irritation, sensitization.

Inhalation: May cause irritation, sensitization.

Ingestion: May cause irritation, sensitization.

Overexposure may cause breathing difficulties, sensitization, headaches, nausea, vomiting, lung damage, fainting, and ulcers. May aggravate respiratory, skin, eye, lung problems and allergies.

Carcinogenicity :No

Toxic effects on reproduction :No

Teratogenicity :No

Mutagenicity :No

Product with synergistic effect. :No

Chronic or acute exposure will increase the problems mentioned in this section.



PRODUCT: LOADFLEX® 2 PART B

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: Not necessary under normal use. NIOSH/MSHA approved mask for organic vapor if the ventilation is inadequate

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.



PRODUCT: LOADFLEX® 2 PART B

**SECTION VIII: FIRST AID**

- Skin : Remove contaminated clothing and shoes.  
Wash immediately with plenty of soap and water.  
Discard shoes with interior contamination.  
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.  
***The eye rinse within the first minute is essential to ensure 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.

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