



SECTION I: PRODUCT INFORMATION

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

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 WHMIS Classification: D2B
UN NUMBER: Not Applicable Class: Not Applicable
Packaging Group: Not Applicable

SECTION II: HAZARDOUS INGREDIENTS

| Hazardous ingredients | % | T.L.V. | # CAS | LD ₅₀ (mg/kg) (species, route) | LC ₅₀ (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 |
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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: 1.1 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 monoxide, carbon dioxide, oxides of nitrogen, 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 dioxide, carbon monoxide, oxides of nitrogen, 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

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® PART B REVISION DATE: February 15, 2006

USAGE: 2 COMPONENTS 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 ₅₀ (mg/kg) (species, route) | LC ₅₀ (species, route) |
|--|--------|---------------|---------------|--|--------------------------------------|
| CYCLO ALIPHATIC AMINE | 60-100 | Not Available | Not Available | Not Available | 400 mg/m ³ /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 |
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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 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

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