



SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaFix® PU PART A** REVISION DATE: February 1st, 2015

USAGE: INDUSTRIAL COATING

MANUFACTURER/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, D2B
UN NUMBER: Not applicable Class: Not applicable
Packaging Group: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (species, route)	LC ₅₀ (species, route)
POLYETHER POLYOL	60 - 100	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
POLYSILOXANE	5 - 10	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
TERTIARY AMINE	0 - 5	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
Appearance and Odor: Light straw, mild

Odor Threshold: Not available
Evaporation Rate: Not available
Vapor Density: Not available
Vapor Pressure: Not available

Boiling Point: Not available
Freezing Point: Not available
Density: 1.02 g/ml
Water Solubility: Not available
pH: Not available
% volatility by volume: 0
Water/Oil Distribution: Moderate



PRODUCT: SikaFix® PU PART A

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Combustible liquid	TDG Flammability Class:	Not applicable
If Yes, under what conditions:	Avoid sparks, flame and ignition sources.	Flammable upper limits (% vol.):	Not applicable
		Flammable lower limits (% vol.):	Not applicable
		Flash Point (setaflash closed cup):	86°C
		Auto-ignition temperature:	Not applicable
Extinguishing methods:	Water fog, CO ₂ , dry chemical, foam	Dangerous Combustion Products	Carbon oxides, nitrogen oxides
Special Methods:	Fire-fighters must wear complete protective clothing with respiratory equipment	Protect from mechanical impact:	No
		Protect from static discharge:	Yes

SECTION V: REACTIVITY DATA

Chemical stability:	Stable	Dangerous decomposition products:	Carbon oxides, nitrogen oxides
If not, under what conditions:			
Incompatibility with other material:	Not known	Polymerization Risks:	No
If Yes, which ones:			



PRODUCT: **SikaFix® PU** PART A

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes:	Will result in eye irritation	Carcinogenicity	Not available
Skin:	Will result in skin irritation	Toxic effects on reproduction:	Not available
Inhalation:	Will result in respiratory tract irritation	Teratogenicity:	Not available
Ingestion:	May cause abdominal pain, vomiting and diarrhea	Mutagenicity:	Not available
		Product with synergistic Effects:	None known

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.



PRODUCT: SikaFix® PU PART A

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Impervious gloves

Respiratory equipment: If respiratory respiration is required, use an approved air purifying respirator

Eyes: Chemical goggles and full face shield

Shoes: Security shoes

Clothing: Long sleeved, body covering and protective clothing

Other:

OTHERS

Ventilation: Use adequate ventilation

Procedure in case of leaks: Remove all sources of ignition (flames, sparks, etc.). Provide adequate ventilation. Avoid prolonged breathing of vapors. Remove to a container or absorb with clay, diatomaceous earth or other suitable inert absorbent.

Handling and Equipment methods: Avoid inhalation, skin and eye contact. Wash repeatedly with soap and water during the workday.

Warehouse Requirements: Keep all containers closed in a cool, dry and well ventilated area. Keep away from ignition sources. Protect from freezing.

Special Shipping Instructions: Protect from freezing.

Waste Disposal: Dispose of residues according to municipal, provincial or federal laws for disposal of chemicals. Do not incinerate closed containers.



PRODUCT: SikaFix® PU PART A

SECTION VIII: FIRST AID

Skin: Wash thoroughly with soap and water. If irritation persists, consult a physician

Eyes: Rinse eyes immediately with plenty of water for at least 15 minutes. See a physician immediately.

Inhalation: Remove the affected person to fresh air. If breathing is difficult, administer oxygen. Consult a physician if required.

Ingestion: Do not induce vomiting, administer large amounts of water or milk if available. Transport immediately to a medical facility.

SECTION IX: PREPARATION INFORMATION

Prepared By: R & D of Sika Canada Inc.
 Telephone #: (514) 697-2610
 Fax #: (514) 694-2792

Notice To Reader

The information contained in this Material Safety Data Sheet applies only to the actual Sika Canada product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Material Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section IX of this MSDS.

SIKA MAKES NO WARRANTIES EXPRESS OR IMPLIED AND ASSUMES NO LIABILITY ARISING FROM THIS INFORMATION OR ITS USE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES AND SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

All sales of Sika products are subject to its current terms and conditions of sale available at www.sika.ca or 514-697-2610.



SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaFix® PU PART B** REVISION DATE: February 1st, 2015

USAGE: INDUSTRIAL COATING

MANUFACTURER/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: D1B, D2A
UN NUMBER: Not regulated Class: Not regulated
Packaging Group: Not regulated

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
4,4-DIPHENYLMETHANE DIISOCYANATE	40 - 70	ACGIH 0.005 ppm (TWA)	101-68-8	31 600(rat, oral)	369 mg/m ³ /4H (rat, inh)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	208°C
Appearance and Odor:	Brown, mild	Freezing Point:	Not available
		Density:	1.24 g/ml
Odor Threshold:	Not available	Water Solubility:	Not available
Evaporation Rate:	Not available	pH:	Not available
Vapor Density:	9	% volatility by volume:	0
Vapor Pressure:	Not available	Water/Oil Distribution:	Slight



PRODUCT: SikaFix® PU PART B

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	No	TDG Flammability Class:	Not applicable
If Yes, under what conditions:		Flammable upper limits (% vol.):	Not applicable
		Flammable lower limits (% vol.):	Not applicable
		Flash Point (setaflash closed cup):	225°C
Extinguishing methods:	Water fog, CO ₂ , dry chemical, foam	Auto-ignition temperature:	Not applicable
		Dangerous Combustion Products	Carbon oxides, nitrogen oxides
Special Methods:	Fire-fighters must wear complete protective clothing with respiratory equipment	Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY DATA

Chemical stability:	Stable	Dangerous decomposition products:	Carbon oxides, nitrogen oxides
If not, under what conditions:			
Incompatibility with other material:	Yes	Polymerization Risks:	May occur
If Yes, which ones:	Water, moisture		



PRODUCT: SikaFix® PU PART B

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Will result in eye irritation. Contact with eyes may product to polymerize

Skin: Will result in skin irritation. Contact with skin may product to polymerize. Prolonged and/or repeat skin contact may cause an allergic reaction/sensitization.

Inhalation: Causes respiratory tract irritation. May cause an allergic respiratory reaction/sensitization after prolonged or repeated contact.

Ingestion: Harmful is swallowed. Polymerization of this product in airway could cause suffocation. Ingestion of this product is harmful and maybe fatal.

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

Carcinogenicity Not available

Toxic effects on reproduction: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Product with synergistic Effects: Not known

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.



PRODUCT: SikaFix® PU PART B

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Impervious gloves

Respiratory equipment: If respiratory respiration is required, use an approved air purifying respirator

Eyes: Chemical goggles and full face shield

Shoes: Security shoes

Clothing: Long sleeved, body covering and protective clothing

Other:

OTHERS

Ventilation: Use adequate ventilation

Procedure in case of leaks: Remove all sources of ignition (flames, sparks, etc.). Provide adequate ventilation. Avoid prolonged breathing of vapors. Remove to a container or absorb with clay, diatomaceous earth or other suitable inert absorbent.

Handling and Equipment methods: Avoid inhalation, skin and eye contact. Wash repeatedly with soap and water during the workday.

Warehouse Requirements: Keep all containers closed in a cool, dry and well ventilated area. Keep away from ignition sources. Protect from freezing.

Special Shipping Instructions: Protect from freezing.

Waste Disposal: Dispose of residues according to municipal, provincial or federal laws for disposal of chemicals. Do not incinerate closed containers.



PRODUCT: SikaFix® PU PART B

SECTION VIII: FIRST AID

Skin: Wash thoroughly with soap and water.
If irritation persists, consult a physician

Eyes: Rinse eyes immediately with plenty of water for at least 15 minutes.
See a physician immediately.

Inhalation: Remove the affected person to fresh air.
If breathing is difficult, administer oxygen.
Consult a physician if required.

Ingestion: Do not induce vomiting, administer large amounts of water or milk if available.
Transport immediately to a medical facility.

SECTION IX: PREPARATION INFORMATION

Prepared By: R & D of Sika Canada Inc.
Telephone #: (514) 697-2610
Fax #: (514) 694-2792

Notice To Reader

The information contained in this Material Safety Data Sheet applies only to the actual Sika Canada product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Material Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section IX of this MSDS.

SIKA MAKES NO WARRANTIES EXPRESS OR IMPLIED AND ASSUMES NO LIABILITY ARISING FROM THIS INFORMATION OR ITS USE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES AND SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

All sales of Sika products are subject to its current terms and conditions of sale available at www.sika.ca or 514-697-2610.



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikaset® Plug**REVISION DATE: February 1st, 2015

USAGE: FAST SETTING COMPOUND FOR SEALING LEAKS AND CONCRETE REPAIR

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

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

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

WHMIS Classification: D2A, E
CLASS: Not Applicable

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
SILICA SAND	10-30	ACGIH *0.025 mg/m ³	14808-60-7	Not Available	Not Available
PORTLAND CEMENT	60-100	** 10mg/m ³	65997-15-1	Not Available	Not Available
* Total	dust				
** Breathable	dust				

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Powder
Appearance and Odor: Grey powder - No odor
Odor Threshold: Not Applicable
Evaporation Rate: Not Applicable
Vapor Density: Not Applicable
Vapor Pressure: Not Applicable

Boiling Point: Not Applicable
Freezing Point: No
Density: 2,8 g/ml
Water Solubility: Not Established
pH: Not Established
% volatility: 0
Water/Oil Distribution: Not Established



PRODUCT: **Sikaset® Plug**

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	No	TDG Flammability Class:	Not Applicable
If Yes, under what conditions:		Flammable upper limits (% vol.):	Not Applicable
		Flammable lower limits (% vol.):	Not Applicable
		Flash Point (method used):	Not Applicable
Extinguishing methods:	Not Applicable	Auto-ignition temperature:	Not Applicable
Special Methods:	None	Dangerous Combustion Products:	Not Applicable
		Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY

Chemical stability:	Yes	Dangerous decomposition products:	Calcium Hydroxide at water contact.
If not, under what conditions:			
Incompatibility with other material:	Yes	Polymerization Risks:	No
If Yes, which ones:	Water		



PRODUCT: Sikaset® Plug

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause irritation, burns, damages to the eyes, may cause cornea inflammation.

Skin: May cause irritation, burns and allergic reactions. The cement can burn the skin without great heat sensation.

Inhalation: May cause irritation to the respiratory system, inflammation of the tissue lining of the nose. A regular exposure to the quartz silica may cause changes to the lungs' fibers and lead to silicosis.

Ingestion: May cause an irritation to the throat.

Carcinogenicity: NTP: no, OSHA: no, IARC: yes. According to the IARC the quartz silica is a probable cause of cancer.

Toxic effects on reproduction: Not established

Teratogenicity: Not established

Mutagenicity: Not established

Product with synergistic effects: Unknown

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.



PRODUCT: Sikaset® Plug

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Ordinary; avoid direct skin contact with the cement.

Respiratory equipment: NIOSH approved mask for dust, when the permissible exposure limit might be exceeded

Eyes: Safety glasses

Shoes: Ordinary

Clothing: Ordinary

Other: No

OTHERS

Ventilation: Sufficient ventilation required to control the quantity of dust.

Procedure in case of leaks: Try to recycle the product if not contaminated. Protect yourself from the dust. Pick-up the spill with vacuum in order to reduce dust inhalation.

Handling and Equipment Methods: Avoid dust contact.

Warehouse Requirements: Keep all containers closed in a cool, dry area.

Special Shipping Instructions: Protect from humidity.

Waste Disposal: Dispose like domestic garbage, after mixing with water.



PRODUCT: Sikaset® Plug

SECTION VIII: FIRST AID

Skin: Clean with plenty of soap and water.
Consult a physician if irritation persists.

Eyes: Rinse eyes immediately with plenty of water keeping the eyelids open in order to ensure a complete rinsing.
This should last at least 15 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: R & D of Sika Canada Inc.
Telephone #: (514) 697-2610
Fax #: (514) 694-2792

Notice To Reader

The information contained in this Material Safety Data Sheet applies only to the actual Sika Canada product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Material Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section IX of this MSDS.

SIKA MAKES NO WARRANTIES EXPRESS OR IMPLIED AND ASSUMES NO LIABILITY ARISING FROM THIS INFORMATION OR ITS USE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES AND SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

All sales of Sika products are subject to its current terms and conditions of sale available at www.sika.ca or 514-697-2610.