



SECTION I: PRODUCT INFORMATION

PRODUCT: SIKAFLEX® PRIMER 429/202 REVISION DATE: February 15, 2006

USAGE:

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

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

TDG CLASSIFICATION: Resin Solution WHMIS Classification: D2A, B2, D2B
UN NUMBER: 1866 Class: 3
Packaging Group: II

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (species, route)	LC ₅₀ (species, route)
XYLENE	10-30	100 ppm	1330-20-7	4300 (oral, rat)	6350 ppm/4h
POLYOL AND ISOCYANATE PREPOLYMER	30-60	Not Established	Not Available	Not Established	Not Established

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	Not Established
Appearance and Odor:	Aromatic odor amber liquid	Freezing Point:	Not Established
Odor Threshold:	Not Established	Density:	1,0 g/ml
Evaporation Rate:	Not Established	Water Solubility:	Not Established
Vapor Density:	Not Established	PH:	Not Established
Vapor Pressure:	Not Established	% volatile:	< 45
		Water/Oil Distribution:	Not Established



PRODUCT: SIKAFLEX® PRIMER 429/202

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: Yes
 If Yes, under what conditions: Flame, spark

Extinguishing methods: Foam, dry chemical products, CO₂, water for large flames.

Special Methods: Fire fighters must wear complete protective clothing with respiratory equipment and they must protect any exposed skin. Heated isocyanides react strongly with water.

TDG Flammability Class: 3
 Flammable upper limits (% vol.): Not Established
 Flammable lower limits (% vol.): Not Established
 Flash Point (method used): > 27 °C (TCC)
 Auto-ignition temperature: Not Established
 Dangerous Combustion Products: Carbon oxides, Aldehydes, Ketones, Nitrogen oxides, TDI.

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

SECTION V: REACTIVITY DATA

Chemical stability: Yes
 If not, under what conditions

Incompatibility with other material: Yes
 If Yes, which ones: Acid, strong oxidizer, amine

Dangerous decomposition products: Carbon oxides, Aldehydes, Ketones, Nitrogen oxides, TDI.

Polymerization Risks: No



PRODUCT: SIKAFLEX® PRIMER 429/202

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Irritating

Skin: Irritating
Contact may result in dermatitis, allergic reactions, and sensitization.

Inhalation: Vapor or mist from this product may cause irritation.

Ingestion: May cause nausea, vomiting, fainting, diarrhea, lung damage, gastro-intestinal system disorder, constipation, and ulcers.

Carcinogenicity: No

Toxic effects on reproduction: No

Teratogenicity: Xylene is Classified as a development toxicant (embryo toxin).

Mutagenicity: No

Product with synergistic effects: Not established

Over exposure may cause breathing difficulties, sensitization, headaches, nausea, vomiting. May aggravate respiratory, skin, eye, lung problems and allergies.

If the product is applied according to the manufacturer, none of these symptoms should be encountered.

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

Xylene is a central nervous system depressor and in rare cases, may cause a sensitization of the heart muscle causing arrhythmia.

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



PRODUCT: SIKAFLEX® PRIMER 429/202

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Use chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge.

Eyes: Full face mask or safety glasses

Shoes:

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: SIKAFLEX® PRIMER 429/202

SECTION VIII: FIRST AID

Skin: Remove contaminated clothing and shoes.
Wash immediately with plenty of water.
Wash clothing before re-wearing.
Consult a physician if required.

Eyes: Rinse eyes immediately with plenty of water for several minutes, while holding eyelids wide open, to ensure a proper wash.
See 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

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SECTION I: PRODUCT INFORMATION

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601, avenue Delmar
Pointe Claire, QC
H9R 4A9

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

TDG CLASSIFICATION: Flammable Liquid N.O.S. WHMIS Classification: D2A, B2
UN NUMBER: 1993 Class: 3
Packaging Group: II

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (species, route)	LC ₅₀ (species, route)
XYLENE	1-5	100 ppm	1330-20-7	4300 (oral, rat)	6350 ppm/4h
POLYOL AND ISOCYANATE PREPOLYMER	10-30	Not Established	Not Available	Not Established	Not Established
METHY ETHYL KETONE	30-60	200 ppm	78-93-3	3400 (oral, rat)	8000 ppm / 8H
TOLUENE	10-30	Not Available	108-88-3	Not Available	Not Available

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
Appearance and Odor: Aromatic odor amber liquid
Odor Threshold: Not Established
Evaporation Rate: Not Established
Vapor Density: Not Established
Vapor Pressure: Not Established

Boiling Point: Not Established
Freezing Point: Not Established
Density: 0,9 g/ml
Water Solubility: Not Established
PH: Not Established
% volatile: < 90
Water/Oil Distribution: Not Established



PRODUCT: SIKAFLEX® PRIMER 449/203

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: Yes
 If Yes, under what conditions: Flame, spark

Extinguishing methods: Foam, dry chemical products, CO₂, water for large flames.

Special Methods: Fire fighters must wear complete protective clothing with respiratory equipment and they must protect any exposed skin.

TDG Flammability Class: 3
 Flammable upper limits (% vol.): Not Established
 Flammable lower limits (% vol.): Not Established
 Flash Point (method used): > - 6 °C (TCC)
 Auto-ignition temperature: Not Established
 Dangerous Combustion Products: Carbon oxides, aldehydes, cetones, MDI.

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

SECTION V: REACTIVITY DATA

Chemical stability: Yes
 If not, under what conditions

Incompatibility with other material: Yes
 If Yes, which ones: Acid, strong oxidizer, amine

Dangerous decomposition products: Carbon oxides, aldehydes, cetones, MDI.

Polymerization Risks: No



PRODUCT: SIKAFLEX® PRIMER 449/203

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Irritating

Skin: Irritating
Contact may result in dermatitis, allergic reactions, and sensitization.

Inhalation: Vapor or mist from this product may cause irritation.

Ingestion: May cause nausea, vomiting, diarrhea, gastro-intestinal system disorder, constipation.

Carcinogenicity: No

Toxic effects on reproduction: No

Teratogenicity: Xylene is Classified as a development toxicant (embryo toxin).

Mutagenicity: No

Product with synergistic effects: Not Established

Over exposure may cause breathing difficulties, sensitization, headaches, nausea, vomiting.

May aggravate respiratory, skin, eye, lung problems and allergies.

Methyl Ethyl Ketone (MEK). is a central nervous system depressor.

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



PRODUCT: SIKAFLEX® PRIMER 449/203

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Use chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge.

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: SIKAFLEX® PRIMER 449/203

SECTION VIII: FIRST AID

Skin: Remove contaminated clothing and shoes.
Wash immediately with plenty of water.
Wash clothing before re-wearing.
Consult a physician if required.

Eyes: Rinse eyes immediately with plenty of water for several minutes, while holding eyelids wide open, to ensure a proper wash.
See 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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PRODUCT: SIKAFLEX® PRIMER 260/205

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: Yes
 If Yes, under what conditions: Flame, spark

Extinguishing methods: Foam, dry chemical products, CO₂, water for large flames.

Special Methods: Firefighters must wear complete protective clothing with respiratory equipment and they must protect any exposed skin.

TDG Flammability Class: 3
 Flammable upper limits (% vol.): 36
 Flammable lower limits (% vol.): 6
 Flash Point (method used): > 18°C (TCC)
 Auto-ignition temperature: 385°C
 Dangerous Combustion Products: CO, Aldehyde

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

SECTION V: REACTIVITY DATA

Chemical stability: Yes
 If not, under what conditions

Incompatibility with other material: Yes
 If Yes, which ones: Acid, strong oxidizer.

Dangerous decomposition products: CO, Aldehyde

Polymerization Risks: No



PRODUCT: SIKAFLEX® PRIMER 260/205

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Irritating

Skin: Irritating
Contact may result in dermatitis, allergic reactions.
Methanol may be absorbed by the skin at toxic or lethal level.

Inhalation: Vapor or mist from this product may cause irritation.

Ingestion: May cause nausea, vomiting, fainting, diarrhea, lung damage, gastro-intestinal system disorder, constipation, ulcers.

Over exposure may cause breathing difficulties, headaches, nausea, vomiting and blindness. May aggravate respiratory, skin, eye, lung problems and allergies.

Carcinogenicity: No

Toxic effects on reproduction: Congenital malformations for rats at 20 000 ppm of methanol.

Teratogenicity: No

Mutagenicity: Limited evidence in vitro.

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: SIKAFLEX® PRIMER 260/205

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Use chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge.

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: SIKAFLEX® PRIMER 260/205

SECTION VIII: FIRST AID

Skin: Remove contaminated clothing and shoes.
Wash immediately with plenty of water.
Wash clothing before re-wearing.
Consult a physician if required.

Eyes: Rinse eyes immediately with plenty of water for several minutes, while holding eyelids wide open, to ensure a proper wash. The
See 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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