



SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaForce®-7780 L-12/L-5 CA PART A** REVISION DATE: January 15th, 2015

USAGE: TWO COMPONENT URETHANE BASED ADHESIVE

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: D2B
UN NUMBER: Not Established 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)
Castor oil	3-7	Not Available	8001-79-4	> 5000 (rat, oral)	Not Available

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	Not Established
Appearance and Odor:	Aromatic odor, colored liquid	Freezing Point:	Not Established
Odor Threshold:	Not Established	Density:	1.4 g/ml
Evaporation Rate:	Not Established	Water Solubility:	Not Established
Vapor Density:	Not Established	pH:	Not Established
Vapor Pressure:	Not Established	% volatile:	< 2
		Water/Oil Distribution:	Not Established



PRODUCT: SikaForce®-7780 L-12/L-5 CA PART A

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	No	TDG inflammability Class:	Not Regulated
If Yes, under what conditions:		Flammable upper limits (% vol.):	Not Established
		Flammable lower limits (% vol.):	Not Established
		Flash Point (method used):	Not Established
		Auto-ignition temperature:	Not Established
Extinguishing methods:	Foam, dry chemical products, CO ₂ , water for large flames.	Dangerous Combustion Products:	CO, Nitrogen Oxide
		Protect from mechanical impact:	No
Special Methods:	Firefighters must wear complete protective clothing with respiratory equipment and they must protect any exposed skin.	Protect from static discharge:	No

SECTION V: REACTIVITY DATA

Chemical stability:	Yes	Dangerous decomposition products:	CO, Nitrogen Oxide.
If not, under what conditions			
Incompatibility with other material:	Yes	Polymerization Risks:	No
If Yes, which ones:	Acid, strong oxidizer.		



PRODUCT: SikaForce®-7780 L-12/L-5 CA

PART A

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Irritating.

Skin Irritating.

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

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

Carcinogenicity: Not established

Toxic effects on reproduction: Not established

Teratogenicity: Not established

Mutagenicity: Not established

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: SikaForce®-7780 L-12/L-5 CA PART A

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Use chemical resistant gloves.

Respiratory equipment: Not necessary under normal use.

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.

Special Shipping Instructions: See TDG class

Waste Removal: Dispose of sand and rinse water according to municipal, provincial or federal laws for disposal of chemicals.



PRODUCT: SikaForce®-7780 L-12/L-5 CA PART A

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.
See a physician immediately.
Do not give anything by mouth to an unconscious person.

SECTION IX: PREPARATION INFORMATION

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

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SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaForce®-7780 L-12/L-5 CA PART B** REVISION DATE: March 17th, 2015

USAGE: TWO COMPONENT URETHANE BASED ADHESIVE

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: D1A, D2A, D2B
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)
Diphenylmethane diisocyanate	30-60	Not listed	9016-87-9	> 10 000 (rat, oral)	490mg/m ³ /4H (rat)
Diphenylmethane-4,4'-diisocyanate	30-60	0.005 ppm	101-68-8	31 600 (rat, oral)	369mg/m ³ /4H (rat)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	Not Established
Appearance and Odor:	Characteristic odor, colored liquid	Freezing Point:	Not Established
Odor Threshold:	Not Established	Density:	1.2 g/ml
Evaporation Rate:	Not Established	Water Solubility:	Not Established
Vapor Density:	Not Established	pH:	Not Established
Vapor Pressure:	Not Established	% volatile:	< 1
		Water/Oil Distribution:	Not Established



PRODUCT: SikaForce®-7780 L-12/L-5 CA

PART B

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: No

If Yes, under what conditions:

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. Heated isocyanates react strongly with water.

TDG inflammability Class: Not regulated

Flammable upper limits (% vol.): Not Established

Flammable lower limits (% vol.): Not Established

Flash Point (method used): > 100°C

Auto-ignition temperature: Not Established

Dangerous Combustion Products: CO, Nitrogen Oxide.

Protect from mechanical impact: No

Protect from static discharge: No

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: CO, Nitrogen Oxide.

Polymerization Risks: No



PRODUCT: SikaForce®-7780 L-12/L-5 CA

PART B

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Irritating.

Skin Irritating. Contact may result in dermatitis, strong allergic reactions, and sensitization. May be absorbed by the skin.

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

Ingestion: May cause nausea, vomiting, diarrhea, gastro-intestinal system disorder, constipation. Small amount may create considerable health disorders.

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 isocyanates may have a reaction with a level of isocyanates well below the T.L.V.

Carcinogenicity: Not established

Toxic effects on reproduction: Not established

Teratogenicity: Not established

Mutagenicity: Not established

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: SikaForce®-7780 L-12/L-5 CA

PART B

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Use chemical resistant gloves.

Respiratory equipment: Not necessary under normal use. If ventilation is insufficient a mask with vapor filter is recommended.

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: SikaForce®-7780 L-12/L-5 CA PART B

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 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.
See a physician immediately.
Do not give anything by mouth to an unconscious person.

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