



## SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaForce®-7816 L60 MR (US) PART A** REVISION DATE: April 3<sup>rd</sup>, 2013

USAGE: ADHESIVE AND/OR SEALANTS

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 applicable Class: Not applicable  
Packaging Group Not applicable

## SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD <sub>50</sub> (mg/kg) (species, route)	LC <sub>50</sub> (species, route)
Castor oil	10-30	Not Available	8001-79-4	> 5000 (rat, oral)	Not Available
SILICA SAND	0.1-1.0	ACGIH 0.025 mg/m <sup>3</sup>	14808-60-7	> 5 000 (rat, oral)	Not Available

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	Not established
Appearance and Odor:	Various color, characteristic odor	Freezing Point:	Not established
Odor Threshold:	Not established	Density:	1.22 g/ml @ 20°C
Evaporation Rate:	Not applicable	Water Solubility:	Insoluble
Vapor Density:	Not applicable	pH:	Not established
Vapor Pressure:	Not applicable	% volatility:	Not established
		Water/Oil Distribution:	Not established



PRODUCT: SikaForce®-7816 L60 MR (US) PART A

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	No	TDG Flammability Class:	Not regulated
If Yes, under what conditions:		Flammable upper limits (% vol.):	Not established
Extinguishing methods:	Foam, dry chemical products, CO <sub>2</sub> , water hose.	Flammable lower limits (% vol.):	Not established
		Flash Point (method used):	> 101°C (tcc)
		Auto-ignition temperature:	Not established
Special Methods:	Firefighters must wear usual protective clothing and respiratory equipment. A water hose may be used to cool the containers and dissipate the vapors.	Dangerous Combustion Products:	COx
		Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY

Chemical stability:	Yes	Dangerous decomposition products:	No
If not, under what conditions	But avoid excessive heat.		
Incompatibility with other material:	Yes	Polymerization Risks:	No.
If Yes, which ones:	Oxidizer.		



PRODUCT: SikaForce®-7816 L60 MR (US) PART A

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations.

Skin: May cause skin irritations.

Inhalation: May cause respiratory tract irritations.

Ingestion: May cause gastrointestinal disturbance.

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: Not Established

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



PRODUCT: SikaForce®-7816 L60 MR (US) PART A

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: 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. 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. Keep 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®-7816 L60 MR (US) 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 several minutes, while holding eyelids wide open, to ensure a proper wash.  
Consult a physician if required.

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

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## SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaForce®-7050 PART B** REVISION DATE: January 15<sup>th</sup>, 2015

USAGE: TWO COMPONENT URETHANE BASED ADHESIVE AND/OR SEALANTS

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 <sub>50</sub> (mg/kg) (species, route)	LC <sub>50</sub> (species, route)
Diphenylmethane diisocyanate	60-100	Not Available	9016-87-9	> 10 000 (rat, oral)	490mg/m <sup>3</sup> /4H (rat)
DIPHENYMETHANE-4-4'- DIISOCYANATE	10-30	Not Available	101-68-8	31 600 (rat, oral)	369 mg/m <sup>3</sup> /4H (rat)

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Paste	Boiling Point:	Not Established
Appearance and Odor:	Brown with a characteristic odor.	Freezing Point:	Not Established
		Density:	1.22 g/ml @ 20°C
Odor Threshold:	Not Established	Water Solubility:	Insoluble
Evaporation Rate:	Not Established	pH:	Not Established
Vapor Density:	Not Established	% volatile:	Not Established
Vapor Pressure:	Not Established	Water/Oil Distribution:	Not Established



PRODUCT: **SikaForce®-7050 PART B**

**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):	> 200°C
Extinguishing methods:	Foam, dry chemical products, CO <sub>2</sub> , water for large flames.	Auto-ignition temperature:	Not Established
		Dangerous Combustion Products:	CO, Nitrogen Oxide.
Special Methods:	Firefighters must wear complete protective clothing with respiratory equipment and they must protect any exposed skin. Heated isocyanates react strongly with water.	Protect from mechanical impact:	No
		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:	Amines, alcohol, water, strong bases and acids		



PRODUCT: SikaForce®-7050 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®-7050 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. 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. Keep 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®-7050 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.

SECTION IX: PREPARATION INFORMATION

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

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