



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikafloor® -315N Part A**

REVISION DATE: October 21, 2014

USAGE: Urethane 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, D1B, D2A

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)
Castor oil	10-30	N.A.	8001-79-4	> 5000 (oral, rat)	N.A.
Ethylene Glycol	10-30	ACGIH 50 ppm (TWA)	107-21-1	4 700 (oral, rat)	N.A.

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
Appearance and Odor: Clear liquid, with ether odorOdor Threshold: Not established
Evaporation Rate: Not applicable
Vapor Density: Not applicable
Vapor Pressure: Not applicableBoiling Point: Not established
Freezing Point: Not established
Density: > 1.04g/ml @ 23°C g/ml
Water Solubility: Partial
pH: Not established
% volatility: Not applicable
Water/Oil Distribution: Not established



PRODUCT: Sikafloor® -315N Part A

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Combustible	TDG Flammability Class:	Not regulated
If Yes, under what conditions:	Flames and spark.	Flammable upper limits (% vol.):	Not established
Extinguishing methods:	Foam, dry chemical products, CO ₂ , water hose.	Flammable lower limits (% vol.):	Not established
		Flash Point (method used):	> 86°C (TCC)
		Auto-ignition temperature:	Not established
		Dangerous Combustion Products:	COx
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.	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			
Incompatibility with other material:	Yes		
If Yes, which ones:	Acids and strong bases. Oxidizing materials.	Polymerization Risks:	No.



PRODUCT: Sikafloor® -315N Part A

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause irritation.

Skin: May cause irritation if prolonged and/or repeated contact, and absorption through the skin of harmful amount.

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause discomfort. Harmful if swallowed.

Carcinogenicity: Not Established

Toxic effects on reproduction: Not Established

Teratogenicity: Ethylene glycol is teratogen if ingested on high dose basis

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: Sikafloor® -315N Part A

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: Not necessary under normal use.

Eyes: Safety glasses

Shoes: Leather

Clothing: Rubber apron

Other: Eye wash station, shower

OTHERS

Ventilation: Adequate local exhaust ventilation required

Procedure in case of leaks: Avoid release to the environment. Contain spill and collect with absorbent material. Transfer the solid and liquid in suitable containers. Do not flush to sewer or allow entering waterways. Ventilate enclosed areas

Handling and Equipment methods: Wash thoroughly with soap and water after handling.

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

Special Shipping Instructions: See TDG.

Waste Disposal: Dispose of sand and water according to municipal, provincial and federal laws on chemical waste.



PRODUCT: Sikafloor® -315N 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: **Sikafloor®-315N Part B** REVISION DATE: October 21, 2014

USAGE: Hardener

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: D2A, 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)
HEXAMETHYLENE DIISOCYANATE HOMOPOLYMER	60-100	Not Available	28182-81-2	> 10 000 (rat, oral)	Not Available
HEXAMETHYLENE DIISOCYANATE (HDI)	0.1-1.0	ACGIH 0.005 ppm TWA	822-06-0	768 (rat, oral)	45 ppm/4H (rat)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	>150°C
Appearance and Odor:	light yellow with slightly musty odor	Freezing Point:	Not available
		Density:	~1.13 g/ml @ 25°C
Odor Threshold:	Not available	Water Solubility:	Slight
Evaporation Rate:	Not available	pH:	Not available
Vapor Density:	>1 (air=1)	% volatility by volume:	Not available
Vapor Pressure:	Not available	Water/Oil Distribution:	Not available



PRODUCT: **Sikafloor®-315N 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
Extinguishing methods:	Water fog, CO ₂ , dry chemical, foam	Flash Point (setaflash closed cup):	>160°C (TCC)
		Auto-ignition temperature:	Not available
Special Methods:	Fire-fighters must wear complete protective clothing with respiratory equipment	Dangerous Combustion Products	Carbon oxides, nitrogen oxides, HCN and toxic fumes.
		Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY DATA

Chemical stability:	Stable	Dangerous decomposition products:	Carbon oxides, when in contact with water.
If not, under what conditions:			
Incompatibility with other material:	Yes	Polymerization Risks:	May occur
If Yes, which ones:	Water, moisture, alcohol, amines and alkalis.		



PRODUCT: Sikafloor®-315N Part B

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Will result in eye irritation, tears and redness. Temporary corneal damage may occur if left untreated.

Skin: May cause skin irritation, redness and swelling. May cause allergic reactions and sensitization.

Inhalation: Vapors or mist may cause respiratory tract irritation causing coughing, discomfort and shortness of breath.

Ingestion: May cause abdominal and throat pain, nausea, vomiting and diarrhea. May cause mouth, digestive tube and stomach burns.

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.

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: Sikafloor®-315N Part B

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: Use a NIOSH /MSHA approved air purifying organic vapor mask.

Eyes: Chemical goggles and full face shield

Shoes: Security shoes

Clothing: Long sleeved, body covering and protective clothing

Other: No

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.

Special Shipping Instructions: See TDG class.

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



PRODUCT: Sikafloor®-315N Part B

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.

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