



SECTION I: PRODUCT INFORMATION

PRODUCT: Sikafloor® Duochem 9017 CB PART A

REVISION DATE: November 6th, 2015

USAGE: Epoxy binder

MANUFACTURER/SUPPLIER: 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: B2, D2A, D2B

UN NUMBER: 1866

Class: 3

Packaging Group III

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (route, species)	LC ₅₀ (species, route)
EPOXY RESIN	40-70	Not available	25085-99-8	> 5000 (oral, rat)	Not available
BENZYL BUTYL PHTHALATE	1-5	Not available	85-68-7	Not available	Not available
TOLUENE	1-5	ACGIH 50ppm (TWA)	108-88-3	5 600 (oral, rat)	8 000ppm/4h (rat)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid or gel
Appearance and Odor: Various colors, epoxide odor
Odor Threshold: Not established
Evaporation Rate: > 1 (N-Butyl acetate=1)
Vapor Density: > 1 (air=1)
Vapor Pressure: Not applicableBoiling Point: 110°C
Freezing Point: Not established
Density: 1.35 – 1.50 g/ml
Water Solubility: Not established
pH: Not established
% volatility: Not established
Water/Oil Distribution: Not established



PRODUCT: **Sikafloor® Duochem 9017 CB PART A**

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Yes	TDG Flammability Class:	3
If Yes, under what conditions:	Avoid flames and sparks.	Flammable upper limits (% vol.):	7.1
Extinguishing methods:	Foam, dry chemical products, CO ₂ , water hose.	Flammable lower limits (% vol.):	1.2
		Flash Point (method used):	31°C (tcc)
		Auto-ignition temperature:	Not established
		Dangerous Combustion Products:	COx, phenol.
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:	Yes

SECTION V: REACTIVITY

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



PRODUCT: Sikafloor® Duochem 9017 CB PART A

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations.

Carcinogenicity: Not Established

Skin: May cause skin irritations, dermatitis, allergic reactions and sensitization.

Toxic effects on reproduction: Not Established

Inhalation: Vapor and mist may cause respiratory tract irritation. Severe intoxication may result in central nervous system depression.

Teratogenicity: Toluene is teratogen and/or toxic for the foetus.

Ingestion: May cause gastro-intestinal irritation, nausea, vomiting and diarrhea. Aspiration into the lungs of ingested liquid may result in a chemical pneumonitis which can be fatal.

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® Duochem 9017 CB PART A

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: Use a NIOSH /MSHA approved air purifying organic vapor mask if TLV can be exceeded.

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: Sikafloor® Duochem 9017 CB 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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AQ 191 A

Date: 2012/02/01

App: S.G.



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikafloor® Duochem 9107 CB PART B**REVISION DATE: March 4th, 2016

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: POLYAMINES, Liquid, corrosive, N.O.S. (TRIETHYLENETETRAMINE & N-AMINOETHYLPIPERAZINE)

WHMIS Classification: D2B, E
Class: 8UN NUMBER: 2735
Packaging Group: III

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (route, species)	LC ₅₀ (species, route)
POYAMINE: TRIETHYLENE TETRAMINE ADDUCT	60-100	Not available	26950-63-0	Not available	Not available
BENZYL ALCOHOL	7-13	Not available	100-51-6	>1230 (oral, rat)	>4000mg/l (inhalation, rat)
N-AMINOETHYLPIPERAZINE	1-5	Not available	140-31-8	2110 (oral, rat)	Not available

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Gel	Boiling Point:	205°C
Appearance and Odor:	Amber clear with amine odor	Freezing Point:	Not established
Odor Threshold:	Not established	Density:	1.01 – 1.03 g/ml
Evaporation Rate:	< 1 (N-Butyl acetate=1)	Water Solubility:	Not established
Vapor Density:	> 1 (air=1)	pH:	Alkaline
Vapor Pressure:	Not applicable	% volatility:	Not established
		Water/Oil Distribution:	Not established



PRODUCT: **Sikafloor® Duochem 9107 CB**

PART B

SECTION IV: FIRE AND EXPLOSION HAZARDS

<p>Flammability: No If Yes, under what conditions:</p> <p>Extinguishing methods: Foam, dry chemical products, CO₂, water hose.</p> <p>Special Methods: Fire fighters must wear usual protective clothing and respiratory equipment. A water hose may be used to cool the containers and dissipate the vapors.</p>	<p>TDG Flammability Class: None Flammable upper limits (% vol.): Not established Flammable lower limits (% vol.): Not established Flash Point (method used): 96°C Auto-ignition temperature: Not established Dangerous Combustion Products: Carbon oxides, nitrogen oxides and carbonic anhydride and ammonia.</p> <p>Protect from mechanical impact: No</p> <p>Protect from static discharge: No</p>
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SECTION V: REACTIVITY DATA

<p>Chemical stability: Yes If not, under what conditions</p> <p>Incompatibility with other material: Yes If Yes, which ones Oxidizing agents, bases, acids and nitriles.</p>	<p>Dangerous decomposition products: Carbon oxides, nitrogen oxides and carbonic anhydride and ammonia.</p> <p>Polymerization Risks: No</p>
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PRODUCT: Sikafloor® Duochem 9107 CB

PART B

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations. May cause severe burns. May cause redness, tears, trouble of vision and blindness.

Skin: May be irritating to the skin, may cause severe burns, can be absorbed by skin. Contact may cause necrosis, dermatitis, allergic reactions, and sensitization.

Inhalation: Vapors or mist of this product may cause respiratory tract irritation.

Ingestion: May cause severe burns to the mouth, throat and stomach. May cause nausea, vomiting, dizziness, diarrhea, damages to the lungs and death.

An over-exposure may cause breathing difficulty, headaches, nausea, damages to the lungs, vomiting, sensitization and dizziness. May cause problems to the skin, eyes, and lungs. May aggravate allergic and respiratory problems.

Carcinogenicity: Not Established

Toxic effects on reproduction: Not Established

Teratogenicity: Not Established

Mutagenicity: Not Established

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: Sikafloor® Duochem 9107 CB

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 if ventilation is insufficient.

Eyes Full face mask or safety glasses

Shoes: Leather

Clothing: Rubber apron

Other: Eye wash station, shower

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® Duochem 9107 CB PART B

SECTION VIII: FIRST AID

Skin: Remove contaminated clothing and shoes.
Wash immediately with plenty of soap and water.
Throw away shoes that were soiled on the inside.
Wash clothing before re-wearing.
Consult a physician if necessary.

Eyes: Rinse eyes immediately with plenty of water for several minutes, while holding eyelids wide open, to ensure a proper wash.
The eye rinse within the first minute is essential to ensure 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

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