



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikafloor® Duochem 9400 PART A** REVISION DATE: November 6st, 2015

USAGE: Epoxide binder

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: 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) (route, species)	LC ₅₀ (species, route)
EPOXY RESIN	60-100	Not available	25085-99-8	> 5000 (oral, rat)	Not available
BENZYL ALCOHOL	3-7	Not available	100-51-6	>1230 (oral, rat)	>4000mg/l (inhalation, rat)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	205°C
Appearance and Odor:	Various colors, with epoxide odor	Freezing Point:	Not established
Odor Threshold:	Not established	Density:	1.13 – 1.26 g/ml
Evaporation Rate:	< 1 (N-Butyl acetate=1)	Water Solubility:	Not established
Vapor Density:	> 1 (air=1)	pH:	Not established
Vapor Pressure:	< 0.5 kPa @ 55°C (calculated)	% volatility:	Not applicable
		Water/Oil Distribution:	Not established



PRODUCT: Sikafloor® Duochem 9400

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
		Flammable lower limits (% vol.):	Not established
Extinguishing methods:	Foam, dry chemical products, CO ₂ , water hose.	Flash Point (method used):	96°C
		Auto-ignition temperature:	Not established
		Dangerous Combustion Products:	COx and 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:	No

SECTION V: REACTIVITY

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



PRODUCT: Sikafloor® Duochem 9400 PART A

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations, tears and redness.

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

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

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® Duochem 9400 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: Sikafloor® Duochem 9400 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® Duochem 9400 PART B** REVISION DATE: November 6st, 2015

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. (ISOPHORONEDIAMINE)
WHMIS Classification: D2B, E UN NUMBER: 2735
Class: 8 Packaging Group: III

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (route, species)	LC ₅₀ (species, route)
ISOPHORONEDIAMINE	30-60	Not available	2855-13-2	Not available	Not available
BENZYL ALCOHOL	10-30	Not available	100-51-6	>1230 (oral, rat)	>4000mg/l (inhalation, rat)
NONYL PHENOL	10-30	Not available	25154-52-3	580 (oral, rat)	Not available
BENZENE 1,3-DIMETHANEAMINE	5-10	0.1mg/m ³	1477-55-0	660 (oral, rat)	Not available
4-TERT-BUTYLPHENOL	5-10	Not available	98-54-4	4000 (oral, rat)	Not available
SALICYLIC ACID	0.5-1.5	Not available	69-72-7	891 (oral, rat)	900 mg/m ³ /4H (rat)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	205°C
Appearance and Odor:	Clear with amine odor	Freezing Point:	Not established
		Density:	0.97 g/ml
Odor Threshold:	Not established	Water Solubility:	Not established
Evaporation Rate:	Not established	pH:	Alkaline
Vapor Density:	Not established	% volatility:	Not established
Vapor Pressure:	Not established	Water/Oil Distribution:	Not established



PRODUCT: **Sikafloor® Duochem 9400 PART B**

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: If Yes, under what conditions:	No	TDG Flammability Class:	None
Extinguishing methods:	Foam, dry chemical products, CO ₂ , water hose.	Flammable upper limits (% vol.):	Not established
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.	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, ammonia.
		Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY DATA

Chemical stability: If not, under what conditions	Yes	Dangerous decomposition products:	Carbon oxides, nitrogen oxides and carbonic anhydride, ammonia.
Incompatibility with other material: If Yes, which ones	Yes Oxidizing agents and acids, nitrites.	Polymerization Risks:	No



PRODUCT: Sikafloor® Duochem 9400 PART B

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations. May cause severe burns. May cause 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 irritation.

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

Carcinogenicity: Not Established

Toxic effects on reproduction: Not Established

Teratogenicity: Not Established.

Mutagenicity: Not Established

Product with synergistic effects: Not Known

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.

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



PRODUCT: Sikafloor® Duochem 9400 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 inadequate.

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 9400 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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