



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikafloor 100 ESD PART H** REVISION DATE: February 1st, 2015

USAGE: Conductive, carbon black-filled epoxy intermediate coating

MANUFACTURER/SUPPLIER: SIKA CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9

EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666

TDG CLASSIFICATION: Flammable Liquid, Corrosive, N.O.S (Cycloaliphatic Amine, Xylene)

WHMIS Classification: B2, D1B, D2B, E Packaging Group: III
UN NUMBER: 2924 Class: 3 (8)

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
MIXED CYCLOALIPHATIC AMINES	10-30	Not available	MIXTURE	Not available	Not available
BENZYL ALCOHOL	10-30	Not available	100-51-6	1230 (rat, oral)	4000mg/L/4H (rat)
XYLENE	30-60	ACGIH 100ppm (TWA) 150ppm (STEL)	1330-20-7	4300 (rat, oral)	6350ppmh/4H (rat)
N-AMINOETHYL PIPERAZINE	5-10	Not available	140-31-8	2110 (rat, oral)	Not available

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
Appearance and Odor: Amber color with amine odor
Odor Threshold: Not established
Evaporation Rate: Not applicable
Vapor Density: Not applicable
Vapor Pressure: Not applicable

Boiling Point: Not established
Freezing Point: Not established
Density: Not established
Water Solubility: Partial
pH: alkaline
% volatility: Not established
Water/Oil Distribution: Not established



PRODUCT: Sikafloor 100 ESD PART H

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: If Yes, under what conditions:	Yes Avoid flames and sparks	TDG Flammability Class: Flammable upper limits (% vol.): Flammable lower limits (% vol.): Flash Point (method used): Auto-ignition temperature: Dangerous Combustion Products:	3 Not established Not established 30.5°C Not established Carbon oxides, nitrogen oxides.
Extinguishing methods:	Foam, dry chemical products, CO ₂ , water hose.	Protect from mechanical impact:	No
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.	Protect from static discharge:	No

SECTION V: REACTIVITY DATA

Chemical stability: If not, under what conditions	Yes	Dangerous decomposition products:	Carbon oxides, nitrogen oxides.
Incompatibility with other material: If Yes, which ones	Yes Acids, bases, oxidizing agents such as permanganates and dichromates.	Polymerization Risks:	No



PRODUCT: Sikafloor 100 ESD PART H

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eyes irritation.

Skin: May be irritating to the skin, may cause dermatitis. May cause skinning and drying of the skin.

Inhalation: May irritate the lungs, may cause an allergic reaction, central nervous system depression. May cause headaches, dizziness, and nausea. In rare cases, may cause sensitization of the heart muscle causing arrhythmia.

Ingestion: May cause irritation to the gastrointestinal system.

Carcinogenicity: Not established

Toxic effects on reproduction: Not established

Teratogenicity: Xylene is classified as a development toxicant (Embryo toxin)

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 100 ESD PART H

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Impervious gloves.

Respiratory equipment: NIOSH/MSHA approved air supplied respirator or mask.

Eyes: Safety glasses

Shoes: Leather

Clothing: Rubber apron and barrier cream for sensitive skins.

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: Sikafloor 100 ESD PART H

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

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: **Sikafloor 100 ESD PART R** REVISION DATE: February 1st, 2015

USAGE: Conductive, carbon black-filled epoxy intermediate coating

MANUFACTURER/SUPPLIER: SIKA CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9

EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666

TDG CLASSIFICATION: Paint liquid WHMIS Classification: B2, D2B
UN NUMBER: 1263 Class: 3
Packaging Group III

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
BISPHENOL A EPICHLOROHYDRIN POLYMER	40-70	Not available	25068-38-6	11400 (rat, oral)	Not available
XYLENE	10-30	ACGIH 100ppm (TWA) 150ppm (STEL)	1330-20-7	4300 (rat, oral)	6350ppmh/4H
ETHYLBENZENE	1-5	ACGIH 100ppm (TWA) 125ppm (STEL)	100-41-4	3500 (rat, oral)	4000ppm (inh.4h, rat)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	Not established
Appearance and Odor:	Black liquid, solvent odor	Freezing Point:	Not established
Odor Threshold:	Not established	Density:	Not established
Evaporation Rate:	Slower than Butyl Acetate	Water Solubility:	Negligible
Vapor Density:	Heavier than air	pH:	Not established
Vapor Pressure:	Not applicable	% volatility:	Not established
		Water/Oil Distribution:	Not established



PRODUCT: Sikafloor 100 ESD PART R

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: If Yes, under what conditions	Yes Flames, sparks.	TDG Flammability Class: Flammable upper limits (% vol.): Flammable lower limits (% vol.): Flash Point (method used): Auto-ignition temperature: Dangerous Combustion Products:	3 Not established Not established 33.9°C Not established Carbon oxides, Aldehydes.
Extinguishing methods:	Foam, dry chemical products, CO ₂ , water hose.	Protect from mechanical impact: Protect from static discharge:	No No
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.		

SECTION V: REACTIVITY DATA

Chemical stability: If not, under what conditions	Yes But excessive heat will degrade the resin.	Dangerous decomposition products:	Carbon oxides, Aldehydes.
Incompatibility with other material: If Yes, which ones:	Yes Strong acids, bases, oxidizing agents, mercaptans and amines under uncontrolled conditions.	Polymerization Risks:	May polymerize at very high temperatures.



PRODUCT: Sikafloor 100 ESD PART R

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations.

Carcinogenicity: Not established

Skin: May be irritating to the skin, may cause sensitization.

Toxic effects on reproduction: Not established

Inhalation: May irritate lungs, may cause an allergic reaction.

Teratogenicity: Xylene is classified as a development toxicant (Embryo toxin)

Ingestion: May cause irritation to the gastrointestinal system.

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 100 ESD PART R

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Impervious gloves.

Respiratory equipment: NIOSH/MSHA approved air supplied respirator.

Eyes: Safety glasses

Shoes: Leather

Clothing: Rubber apron and barrier cream for sensitive skins.

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 in a cool, dry 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 100 ESD PART R

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 at least 15 minutes to ensure a proper wash.
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.

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