



## SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikagard® Capchem AR PART A** REVISION DATE: February 1<sup>st</sup>, 2015

USAGE: HIGH CHEMICAL RESISTANCE EPOXY 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: 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)
EPOXY RESIN	80-100	Not available	28064-14-4	Not available	Not available

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	>200°C
Appearance and Odor:	Various color with aromatic odor	Freezing Point:	Not established
		Density:	1.2 g/ml
Odor Threshold:	Not established	Water Solubility:	Negligible
Evaporation Rate:	Not available	pH:	Not available
Vapor Density:	Not applicable	% volatility:	Not applicable
Vapor Pressure:	Not available	Water/Oil Distribution:	Not established



PRODUCT: **Sikagard® Capchem AR PART A**

**SECTION IV: FIRE AND EXPLOSION HAZARDS**

Flammability: If Yes, under what conditions	No Flames, sparks.	TDG Flammability Class: Flammable upper limits (% vol.): Flammable lower limits (% vol.): Flash Point (method used): Auto-ignition temperature: Dangerous Combustion Products:	Not regulated Not established Not established > 200°C Not established Carbon oxides, phenol
Extinguishing methods:	Foam, dry chemical products, CO <sub>2</sub> , 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, phenol
Incompatibility with other material: If Yes, which ones:	Yes Base, strong acid, oxidizer.	Polymerization Risks:	May polymerize at very high temperatures.



PRODUCT: Sikagard® Capchem AR PART A

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations.

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

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

Ingestion: May cause irritation to the gastrointestinal system.

Carcinogenicity: Not available

Toxic effects on reproduction: Not available

Teratogenicity: Not available

Mutagenicity: Not available

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: Sikagard® Capchem AR 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: 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: Sikagard® Capchem AR 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 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.

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: **Sikagard® Capchem AR PART B** REVISION DATE: February 1<sup>st</sup>, 2015

USAGE: HIGH CHEMICAL RESISTANCE EPOXY COATING

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

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

TDG CLASSIFICATION: Amines, Liquid, corrosive NOS (Isophorone Diamine)

WHMIS Classification: D2B, E

Class:

8

UN NUMBER:

2735

Packaging Group:

III

## SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD <sub>50</sub> (mg/kg) (species, route)	LC <sub>50</sub> (species, route)
AMINE BLEND	60-100	Not available	Blend	Not available	Not available
Isophoronediamine	10-30	Not available	2855-13-2	Not available	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: 1.05 g/ml  
Water Solubility: Partial  
pH: Not established  
% volatility: 0  
Water/Oil Distribution: Not established

PRODUCT: **Sikagard® Capchem AR 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 <sub>2</sub> , 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):	> 100°C
		Auto-ignition temperature:	Not established
		Dangerous Combustion Products:	Carbon oxides, nitrogen oxides.
		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.
Incompatibility with other material: If Yes, which ones	Yes Acid, strong oxidizer, organic halogen, aldehyde, ketone, acrylate.	Polymerization Risks:	No



PRODUCT: Sikagard® Capchem AR PART B

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

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

Carcinogenicity: Not available

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.

Toxic effects on reproduction: Not available

Teratogenicity: Not available

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

Mutagenicity: Not available

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

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: Sikagard® Capchem AR PART B

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.

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: Sikagard® Capchem AR 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

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