



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sikalastic® 748 PA (Clear Kit) PART A** REVISION DATE: February 1st, 2015

USAGE: HIGH PERFORMANCE TOP COATS FOR SIKALASTIC 710/715 AND 720/745 TRAFFIC SYSTEMS

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

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

TDG CLASSIFICATION: Paint related liquid WHMIS Classification: B2, D2A
UN NUMBER: 1263 Class: 3
Packaging Group: III

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) Route, species)	LC ₅₀ (mg/m ³) (species, route)
HEXAMETHYLENE DIISOCYANATE, HOMOPOLYMER	40-70	Not Available	28182-81-2	Not Available	Not Available
ISOPHORONE DIISOCYANATE	1-5	ACGIH 0.005ppm (TWA)	4098-71-9	4825 (rat, oral)	123mg/m ³ /4H (rat)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
Appearance and Odor: White, with aromatic odor

Odor Threshold: Not Available
Evaporation Rate: Not Available
Vapor Density: Not Available
Vapor Pressure: Not Available

Boiling Point: > 139°C
Freezing Point: Not Available
Density: ± 1.1 g/ml
Water Solubility: Not established
pH: Not established
% volatility: Not established
Water/Oil Distribution: Not established



PRODUCT: **Sikalastic® 748 PA (Clear Kit) PART A**

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Yes. Dangerous fire hazard	TDG Flammability Class:	3
If Yes, under what conditions:	Avoid sparks, flame or static discharge.	Flammable upper limits (% vol.):	7.0
		Flammable lower limits (% vol.):	1.0
		Flash Point (method used):	42.8°C (TCC)
		Auto-ignition temperature:	Not established
Extinguishing methods:	Carbon Dioxide, water fog, foam or dry chemical.	Dangerous Combustion Products:	Carbon oxides, halogenated compounds, carbonyl halides, metal oxides.
Special Methods:	Fire fighters should wear full protective clothing including self-contained breathing apparatus since toxic gases are emitted. When heated in fire, explosive gas mixtures with air can form. Cool fire-exposed containers with water or water fog.	Protect from mechanical impact :	No
		Protect from static discharge:	Yes

SECTION V: REACTIVITY

Chemical stability:	Yes, but avoid temperatures above 42.8°C	Dangerous decomposition products:	Should not be produced under normal conditions of storage and use.
If not, under what conditions:			
Incompatibility with other material:	Yes	Polymerization Risks:	No
If Yes, which ones:	Strong oxidizing.		



PRODUCT: Sikalastic® 748 PA (Clear Kit) PART A

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations.

Skin: May be irritating to the skin. Contact may cause sensitization and allergic reaction.

Inhalation: May cause respiratory tract irritation. Vapors or mist of this product may cause irritation, sensitization and allergic reactions.

Ingestion: Harmful if swallowed.

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. An over exposure may cause death.



PRODUCT: Sikalastic® 748 PA (Clear Kit) PART A

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge.

Eyes: Full face mask or safety glasses

Shoes: Leather

Clothing: Rubber Apron

Other: 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 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: Sikalastic® 748 PA (Clear Kit) 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.

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: **Sikalastic® 748 PA (Clear Kit) PART B** REVISION DATE: February 1st, 2015

USAGE: HIGH PERFORMANCE TOP COATS FOR SIKALASTIC 710/715 AND 720/745 TRAFFIC SYSTEMS

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

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

TDG CLASSIFICATION: Paint related liquid WHMIS Classification: B2, D2A, E
UN NUMBER: 1263 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)
ALIPHATIC DIAMINES	60-100	Not Available	154279-60-4	Not Available	Not Available
LIGHT AROMATIC SOLVANT NAPHTA	10-30	Not Available	64742-95-6	Not Available	Not Available

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
Appearance and Odor: Clear, with aromatic odor

Odor Threshold: Not Available
Evaporation Rate: Not Available
Vapor Density: Not Available
Vapor Pressure: Not Available

Boiling Point: > 139°C
Freezing Point: Not Available
Density: ± 1.08 g/ml
Water Solubility: Not established
pH: Not established
% volatility: Not established
Water/Oil Distribution: Not established



PRODUCT: **Sikalastic® 748 PA (Clear Kit) PART B**

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	Yes. Dangerous fire hazard	TDG Flammability Class:	3
If Yes, under what conditions:	Avoid sparks, flame or static discharge.	Flammable upper limits (% vol.):	7.0
		Flammable lower limits (% vol.):	1.0
		Flash Point (method used):	> 42.8°C (TCC)
		Auto-ignition temperature:	Not established
Extinguishing methods:	Carbon Dioxide, water fog, foam or dry chemical.	Dangerous Combustion Products:	Carbon oxides, halogenated compounds, carbonyl halides, metal oxides.
Special Methods:	Fire fighters should wear full protective clothing including self-contained breathing apparatus since toxic gases are emitted. When heated in fire, explosive gas mixtures with air can form. Cool fire-exposed containers with water or water fog.	Protect from mechanical impact :	No
		Protect from static discharge:	Yes

SECTION V: REACTIVITY

Chemical stability:	Yes, but avoid temperatures above 42.8°C	Dangerous decomposition products:	Should not be produced under normal conditions of storage and use.
If not, under what conditions:			
Incompatibility with other material:	Yes	Polymerization Risks:	No
If Yes, which ones:	Strong oxidizing.		



PRODUCT: Sikalastic® 748 PA (Clear Kit) PART B

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations and burns.

Skin: May be irritating to the skin and cause burns.

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

Ingestion: May cause burns to digestive tract.

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. An over exposure may cause death.



PRODUCT: Sikalastic® 748 PA (Clear Kit) PART B

SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge.

Eyes: Full face mask or safety glasses

Shoes: Leather

Clothing: Rubber Apron

Other: 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 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: Sikalastic® 748 PA (Clear Kit) 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 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.
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