

	Revision Date: 01/11/2017	SDS Number: 000000604781
SECTION 1. IDENTIFICATION		
Product name	[:] Sikaflex [®] -2c SL Part A lin	nestone
Manufacturer or supplier's	s details	
Company name	: Sika Canada Inc. 601, avenue Delmar Pointe-Claire, QC H9R 4A9 Canada www.sika.ca	9
Telephone	: (514) 697-2610 / 1 (800) 93	3-7452
Telefax	: (514) 694-2792	
Health and Safety Services' e-mail address	s : ehs@ca.sika.com	
Emergency telephone	: CANUTEC (collect) (613) 9	96-6666 (24 hours)

Recommended use of the chemical and restrictions on use

For further information, refer to product data sheet.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Eye irritation	: Category 2A
Carcinogenicity (Inhalation)	: Category 1A
Specific target organ system- ic toxicity - repeated expo- sure (Inhalation)	: Category 2 (hearing organs)
GHS label elements Hazard pictograms	
Signal Word	: Danger
Hazard Statements	 H319 Causes serious eye irritation. H350i May cause cancer by inhalation. H373 May cause damage to organs (hearing organs) through prolonged or repeated exposure if inhaled.



P202 Do not handle and understood. P260 Do not breathe P264 Wash skin tho P280 Wear protectiv face protection. Response: P305 + P351 + P338 for several minutes. to do. Continue rinsi	until all safety precautions have been read e dust/ fume/ gas/ mist/ vapors/ spray. roughly after handling. re gloves/ protective clothing/ eye protection, B IF IN EYES: Rinse cautiously with water Remove contact lenses, if present and easy
 P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have be and understood. P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ special P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye face protection. 	
some of the chemica kidney and nervous	iated repeated and prolonged exposure to als in this product with permanent brain,liver system damage. Intentional misuse by de- on and inhalation of vapors may be harmful
	 P337 + P313 If eye tion. Storage: P405 Store locked u Disposal: P501 Dispose of corposal plant. Reports have assoc some of the chemica kidney and nervous liberate concentration

None known.

Supplemental information

If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
xylene	1330-20-7	>= 2 - < 5
aluminium sulphate	10043-01-3	>= 2 - < 5
ethylbenzene	100-41-4	>= 0 - < 1
Quartz (SiO2)	14808-60-7	>= 0 - < 1

SECTION 4. FIRST AID MEASURES

General advice

: Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance.



Version 1.1	Revision Date: 01/11/2017	SDS Number: 000000604781
If inhaled	: Move to fresh air. Consult a physician a	after significant exposure.
In case of skin contact	: Take off contaminate Wash off with soap a If symptoms persist,	
In case of eye contact	Remove contact lens Keep eye wide open	
If swallowed	Do not induce vomiti Do not give milk or a	ter and drink afterwards plenty of water. ng without medical advice. Icoholic beverages. by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	Excessive lachrymat See Section 11 for m and symptoms. Causes serious eye i May cause cancer by	nore detailed information on health effects
Notes to physician	: Treat symptomaticall	y.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
Further information	 Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters	: In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Deny access to unprotected persons.
Environmental precautions	:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.



Version 1.1	Revision Date: 01/11/2017	SDS Number: 000000604781
Methods and materials for containment and cleaning t	cannot be contained : Soak up with inert a acid binder, universa	bsorbent material (e.g. sand, silica gel,
SECTION 7. HANDLING AND	STORAGE	
Advice on protection again fire and explosion	st : Normal measures fo	or preventive fire protection.
Advice on safe handling	section 8). Do not get in eyes, o For personal protect Smoking, eating and plication area.	e given occupational exposure limits (see on skin, or on clothing. tion see section 8. d drinking should be prohibited in the ap- tiene measures when handling chemical
Conditions for safe storage	Store in original con Keep container tight place. Containers which ar kept upright to preve Observe label preca	tainer. Iy closed in a dry and well-ventilated e opened must be carefully resealed and ent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
calcium carbonate	471-34-1	TWAEV (to- tal dust)	10 mg/m3	CA QC OEL
		TWA	10 mg/m3 (Calcium)	CA AB OEL
		TWA	10 mg/m3 (Calcium car- bonate)	CA AB OEL
xylene	1330-20-7	TWA	100 ppm 434 mg/m3	CA AB OEL
		STEL	150 ppm 651 mg/m3	CA AB OEL
		TWAEV	100 ppm 434 mg/m3	CA QC OEL
		STEV	150 ppm 651 mg/m3	CA QC OEL



Version Revision Date: SDS Number: 1.1 01/11/2017 00000604781 TWA 100 ppm CA BC OEL STEL 150 ppm CA BC OEL TWA 100 ppm ACGIH ACGIH STEL 150 ppm ethylbenzene 100-41-4 TWA 100 ppm CA AB OEL 434 mg/m3 125 ppm STEL CA AB OEL 543 mg/m3 TWA 20 ppm CA BC OEL TWAEV 100 ppm CA QC OEL 434 mg/m3 STEV 125 ppm CA QC OEL 543 mg/m3 TWA 20 ppm ACGIH STEL 125 ppm ACGIH CA ON OEL Quartz (SiO2) 14808-60-7 TWA (Res-0.1 mg/m3 pirable fraction) TWA (Res-0.025 mg/m3 CA AB OEL pirable particulates) TWAEV 0.1 mg/m3 CA QC OEL (respirable dust) TWA (Res-0.025 mg/m3 CA BC OEL pirable) (Silica) 0.025 mg/m3 TWA (Res-ACGIH pirable frac-(Silica) tion)

Biological occupational exposure limits

Ingredients	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
xylene	1330-20-7	Methylhip- puric acids	Urine	End of shift (As soon as possible after exposure ceases)	1.5 g/g cre- atinine	ACGIH BEI
ethylbenzene	100-41-4	Sum of mandelic acid and phenyl gly- oxylic acid	Urine	End of shift (As soon as possible after exposure ceases)	0.15 g/g creatinine	ACGIH BEI

Engineering measures : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommend-



Version 1.1	Revision Date: 01/11/2017	SDS Number: 000000604781
	ed or statutory limits.	
Personal protective equ	ipment	
Respiratory protection		NOSH approved air-purifying or air-fed vith an approved standard if a risk as- is is necessary.
	imum expected contai (gas/vapor/aerosol/pa dling the product. If th	respirator must be suitable for the max- minant concentration articulates) that may arise when han- is concentration is exceeded, self- pparatus must be used.
Hand protection		
Remarks	approved standard sh	npervious gloves complying with an ould be worn at all times when handling risk assessment indicates this is nec-
Eye protection		lying with an approved standard should assessment indicates this is necessary.
Skin and body protection		on in relation to its type, to the concen- dangerous substances, and to the spe-
Hygiene measures	the product.	reaks and immediately after handling d clothing and protective equipment g areas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: viscous
Color	: gray
Odor	: aromatic
Odor Threshold	: No data available
рН	: No data available
Melting point/range / Freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: 102 ℃ (216 ℉) Method: closed cup



Version 1.1	Revision Date: 01/11/2017	SDS Number: 000000604781
Evaporation rate	: No data available	
Flammability (solid, gas)	: No data available	
Upper explosion limit	: No data available	
Lower explosion limit	: No data available	
Vapor pressure	: 0.01 hpa (0.01 mml	Hg)
Relative vapor density	: No data available	
Density	: 1.6 g/cm3 (20 ℃ (6	8 °F) ())
Solubility(ies) Water solubility	: insoluble	
Partition coefficient: n- octanol/water	: No data available	
Autoignition temperature	: No data available	
Decomposition temperatu	re : No data available	
Viscosity Viscosity, dynamic	: No data available	
Viscosity, kinematic	: > 20.5 mm2/s (40 °	C)
Explosive properties	: No data available	
Molecular weight	: No data available	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.	
Chemical stability	: The product is chemically stable.	
Possibility of hazardous reac- tions	: Stable under recommended storage conditions.	
Conditions to avoid	: No data available	
Incompatible materials	: No data available	
No decomposition if stored and applied as directed.		

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity



ersion 1	Revision Date: 01/11/2017	SDS Number: 000000604781	
Not classified based on av	vailable information.		
Product:			
Acute oral toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method		
Acute inhalation toxicity	: Acute toxicity estimate Exposure time: 4 h Test atmosphere: vapo Method: Calculation m	or	
Acute dermal toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method		
Ingredients:			
aluminium sulphate: Acute oral toxicity	: LD50 Oral (Rat): 1,930) mg/kg	
Skin corrosion/irritation	vailable information.		
Ingredients: aluminium sulphate: Result: Skin irritation			
Serious eye damage/eye Causes serious eye irritat			
Respiratory or skin sens			
Skin sensitization: Not cla	ssified based on available infor Not classified based on availab		
Germ cell mutagenicity			
Not classified based on av	vailable information.		
Carcinogenicity			
May cause cancer by inha	alation. Group 1: Carcinogenic to	humans	
	Quartz (SiO2)	14808-60-7	
	Group 2B: Possibly carci	nogenic to humans	
	titanium dioxide	13463-67-7	
	ethylbenzene	100-41-4	
NTP	Known to be human carc	inogen	
	Quartz (SiO2)	14808-60-7	

Reproductive toxicity

Not classified based on available information.



Version	Revision Date:	SDS Number:
1.1	01/11/2017	000000604781

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

May cause damage to organs (hearing organs) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Other adverse effects	
Product: Additional ecological infor- : mation	Do not empty into drains; dispose of this material and its con- tainer in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	Disposal of this product, solutions and any by-product at all times comply with the requirements of environme protection and waste disposal legislation and any regi local authority requirements.	
Contaminated packaging		ainers should be taken to an approved waste han- recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

Domestic regulation TDG (road/train) Not dangerous goods

International Regulations IATA-DGR



Version	Revision Date:	SDS Number:
1.1	01/11/2017	000000604781

Not dangerous goods IMDG-Code Not dangerous goods

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

Canadian lists

No substances are subject to a Significant New Activity Notification.

SECTION 16. OTHER INFORMATION

Revision Date	: 01/11/2017
Prepared by	: R & D of Sika Canada Inc.

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Full text of other abbreviations

ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
CAS	Chemical Abstracts Service
DNEL	Derived no-effect level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978



Version 1.1	Revision Date: 01/11/2017	SDS Number: 00000604781
OEL PBT PNEC BEACH	Occupational Exposure Limit Persistent, bioaccumulative and Predicted no effect concentratio Begulation (EC) No 1907/2006	
SVHC vPvB	Council of 18 December 2006 c	oncerning the Registration, Evaluation, Chemicals (REACH), establishing a rn

CA / Z8



Version 1.2	Revision 03/13/20					
SECTION 1. IDENTIFICATION	SECTION 1. IDENTIFICATION					
Product name	: Sik	aflex [®] -2c NS/SL Part B				
Manufacturer or suppl	Manufacturer or supplier's details					
Company name	60 Po Ca	a Canada Inc. 1, avenue Delmar inte-Claire, QC H9R 4A9 nada w.sika.ca				
Telephone	: (51	4) 697-2610 / 1 (800) 933-7452				
Telefax	: (51	4) 694-2792				
Health and Safety Servi e-mail address	ces's : eh	s@ca.sika.com				
Emergency telephone	: CA	NUTEC (collect) (613) 996-6666 (24 hours)				

Recommended use of the chemical and restrictions on use

For further information, refer to product data sheet.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Flammable liquids	: Category 3	
Eye irritation	: Category 2A	
Carcinogenicity (Inhalation)	: Category 2	
Specific target organ system- ic toxicity - repeated expo- sure (Inhalation)	: Category 2 (hearing organs)	
GHS label elements Hazard pictograms		
Signal Word	: Warning	
Hazard Statements	 H226 Flammable liquid and vapor. H319 Causes serious eye irritation. H351 Suspected of causing cancer if inhale 	ed.



rsion	Revision Date: 03/13/2017	SDS Number: 000000604777	
	H373 May cause damage prolonged or repeated ex	e to organs (hearing organs) through posure if inhaled.	
Precautionary Statements	and understood. P210 Keep away from he and other ignition sources P233 Keep container tigh P240 Ground and bond c P241 Use explosion-proo ment. P242 Use non-sparking to P243 Take action to prev. P260 Do not breathe dus P264 Wash skin thorough P280 Wear protective glo face protection. Response: P303 + P361 + P353 IF C all contaminated clothing. P305 + P351 + P338 IF II for several minutes. Rem- to do. Continue rinsing. P308 + P313 IF exposed attention. P370 + P378 In case of fi hol-resistant foam to extir Storage: P403 + P235 Store in a w P405 Store locked up. Disposal:	all safety precautions have been rea eat, hot surfaces, sparks, open flame s. No smoking. tly closed. ontainer and receiving equipment. f electrical/ ventilating/ lighting/ equi cols. ent static discharges. t/ fume/ gas/ mist/ vapors/ spray. nly after handling. ves/ protective clothing/ eye protect ON SKIN (or hair): Take off immediat . Rinse skin with water. N EYES: Rinse cautiously with wate ove contact lenses, if present and ex- or concerned: Get medical advice/ tion persists: Get medical advice/ atte- re: Use dry sand, dry chemical or al	
Warning	some of the chemicals in kidney and nervous syste	repeated and prolonged exposure to this product with permanent brain, live of damage. Intentional misuse by de d inhalation of vapors may be harmf	

None known.

Supplemental information

If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.



Version	Revision Date:	SDS Number:
1.2	03/13/2017	00000604777

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
xylene	1330-20-7	>= 2 - < 5
Aminoalkyltrialkoxydisilane	82985-35-1	>= 1 - < 2
ethylbenzene	100-41-4	>= 0 - < 1

SECTION 4. FIRST AID MEASURES

General advice	: Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attend- ance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	 Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	 Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	 irritant effects Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms. Causes serious eye irritation. Suspected of causing cancer if inhaled. May cause damage to organs through prolonged or repeated exposure if inhaled.
Notes to physician	: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing	:	Water



	Revision Date:)3/13/2017	SDS Number: 000000604777
media	High volume water jet	
Specific hazards during fire fighting	: Do not use a solid wate fire.	er stream as it may scatter and spread
Further information	must not be discharged Fire residues and conta	re extinguishing water separately. This
Special protective equipment for fire-fighters	: In the event of fire, wea	ar self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapors accumulating to form explosive co tions. Vapors can accumulate in low areas.	oncentra-
Environmental precautions	Prevent product from entering drains. If the product contaminates rivers and lakes or drair respective authorities. Local authorities should be advised if significant spi cannot be contained.	
Methods and materials for containment and cleaning up	Contain spillage, and then collect with non-combust sorbent material, (e.g. sand, earth, diatomaceous ea miculite) and place in container for disposal accordi / national regulations (see section 13).	arth, ver-

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	Use explosion-proof equipment. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Take cautionary measures against electrostatic discharges.	pre-
Advice on safe handling	 Do not breathe vapors or spray mist. Avoid exceeding the given occupational exposure limits (section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the aplication area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Follow standard hygiene measures when handling chemic products. 	ap-



Version	Revision Date:	SDS Number:
1.2	03/13/2017	000000604777
Conditions for s	Keep in a well-ve Containers whicl kept upright to p Observe label pr	entilated place. n are opened must be carefully resealed and revent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	CAS-No.	Value type (Form of exposure)	(Form of ters / Permissible	
xylene	1330-20-7	TŴA	100 ppm 434 mg/m3	CA AB OEL
		STEL	150 ppm 651 mg/m3	CA AB OEL
		TWAEV	100 ppm 434 mg/m3	CA QC OEL
		STEV	150 ppm 651 mg/m3	CA QC OEL
		TWA	100 ppm	CA BC OEL
		STEL	150 ppm	CA BC OEL
		TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
ethylbenzene	100-41-4	TWA	100 ppm 434 mg/m3	CA AB OEL
		STEL	125 ppm 543 mg/m3	CA AB OEL
		TWA	20 ppm	CA BC OEL
		TWAEV	100 ppm 434 mg/m3	CA QC OEL
		STEV	125 ppm 543 mg/m3	CA QC OEL
		TWA	20 ppm	ACGIH
		STEL	125 ppm	ACGIH

Ingredients with workplace control parameters

Biological occupational exposure limits

Ingredients	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
xylene	1330-20-7	Methylhip- puric acids	Urine	End of shift (As soon as possible after exposure ceases)	1.5 g/g cre- atinine	ACGIH BEI
ethylbenzene	100-41-4	Sum of mandelic acid and	Urine	End of shift (As soon as	0.15 g/g creatinine	ACGIH BEI



ersion 2	Revision Date: 03/13/2017	SDS Number: 000000604777	
	phenyl gly- oxylic acid	possible after exposure ceases)	
Engineering measur	worker exposure to product generates cess enclosures, lo ing controls to kee ed or statutory limi The engineering co	entilation should be sufficient to control o airborne contaminants. If the use of this dust, fumes, gas, vapor or mist, use pro- ocal exhaust ventilation or other engineer- p worker exposure below any recommend- ts. ontrols also need to keep gas, vapor or s below any lower explosive limits.	
Personal protective	equipment		
Respiratory protection		ed NIOSH approved air-purifying or air-fed ng with an approved standard if a risk as- s this is necessary.	
	imum expected co (gas/vapor/aeroso dling the product. I	the respirator must be suitable for the max- ntaminant concentration //particulates) that may arise when han- f this concentration is exceeded, self- g apparatus must be used.	
Hand protection			
Remarks	approved standard	, impervious gloves complying with an I should be worn at all times when handling if a risk assessment indicates this is nec-	
Eye protection		mplying with an approved standard should sk assessment indicates this is necessary.	
Skin and body protect		ection in relation to its type, to the concen- t of dangerous substances, and to the spe-	
Hygiene measures	Wash hands befor the product. Remove respirator have been cleared	ated clothing and protective equipment	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
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Color : clear, transparent



Odor:aromaticOdor Threshold:No data availablepH:No data availableMetting point/range / Freezing point:No data availableBoiling point/boiling range:No data availableFlash point:No data availableFlash point:No data availableFlash point:No data availableFlash point:No data availableFlammability (solid, gas):No data availableI upper explosion limit:No data availableUpper explosion limit:No data availableVapor pressure:No data availableDensity:No data availableDensity:No data availablePartition coefficient: n- octarol/water:No data availablePartition temperature:No data availableDecomposition temperature:No data availableViscosity, dynamic:No data availableViscosity, kinematic:No data availableKineula visity kinematic:No data availableViscosit		Revision Date: 03/13/2017	SDS Number: 00000604777
pH:No data availableMelting point/ronge / Freezing point:No data availableBolling point/bolling range point:No data availableFlash point::4.4 °C (111.9 °F) Method: closed cupEvaporation rate:No data availableFlammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableLower explosion limit:No data availableDensity::No data availableDensity::No data availableDensity::No data availablePartition coefficient: n- octanol/water::No data availableDecomposition temperature::No data availableDecomposition temperature:No data availableViscosity Viscosity, kinematic:No data availableViscosity, kinematic:No data availableV	Odor	: aromatic	
NoMelting point/range / Freezing point: No data availableBoiling point/boiling range: No data availableFlash point: 44.4 °C (111.9 °F) Method: closed cupEvaporation rate: No data availableFlammability (solid, gas): No data availableFlammability (solid, gas): No data availableUpper explosion limit: No data availableLower explosion limit: No data availableVapor pressure: 0.01 hpa (0.01 mmHg)Relative vapor density: No data availableDensity: 1.02 g/cm3 (20 °C (68 °F) ())Solubility(ies) Water solubility: insolubleParition coefficient: n- octanol/water: No data availableDecomposition temperature: No data availableViscosity Viscosity, dynamic: No data availableViscosity, kinematic: No data availableViscosity, kinematic: > 20.5 mm2/sExplosive properties: No data available	Odor Threshold	: No data available	
pointCNo data availableBoiling point/boiling range:No data availableFlash point:44.4 °C (111.9 °F) Method: closed cupEvaporation rate:No data availableFlammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:0.01 hpa (0.01 mmHg)Relative vapor density:No data availableDensity:1.02 g/cm3 (20 °C (68 °F) ())Solubility(ies) Water solubility:insolublePartition coefficient: n- octanol/water:No data availableDecomposition temperature:No data availableViscosity Viscosity, dynamic:No data availableViscosity, kinematic:No data availableViscosity, kinematic:No data availableExplosive properties:No data available	рН	: No data available	
Flash point: 44.4 °C (111.9 °F) Method: closed cupEvaporation rate: No data availableFlammability (solid, gas): No data availableUpper explosion limit: No data availableLower explosion limit: No data availableLower explosion limit: No data availableVapor pressure: 0.01 hpa (0.01 mmHg)Relative vapor density: No data availableDensity: 1.02 g/cm3 (20 °C (68 °F) ())Solubility(ies) Water solubility: insolublePartition coefficient: n- octanol/water: No data availableDecomposition temperature: No data availableViscosity Viscosity, dynamic: No data availableViscosity, kinematic: No data availableViscosity, kinematic: > 20.5 mm2/sExplosive properties: No data available		ng : No data available	
Method: closed cupEvaporation rate:No data availableFlammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:0.01 hpa (0.01 mmHg)Relative vapor density:No data availableDensity:1.02 g/cm3 (20 °C (68 °F) ())Solubility(ies) Water solubility:insolublePartition coefficient: n- octanol/water:No data availableDecomposition temperature:No data availableViscosity Viscosity, dynamic:No data availableViscosity, kinematic:No data availableViscosity, kinematic:> 20.5 mm2/sExplosive properties:No data available	Boiling point/boiling range	: No data available	
Flammability (solid, gas):No data availableUpper explosion limit:No data availableLower explosion limit:No data availableVapor pressure:0.01 hpa (0.01 mmHg)Relative vapor density:No data availableDensity:1.02 g/cm3 (20 °C (68 °F) ())Solubility(ies) Water solubility:insolublePartition coefficient: n- octanol/water:No data availableDecomposition temperature:No data availableDecomposition temperature:No data availableViscosity, dynamic:No data availableViscosity, kinematic:No data availableViscosity properties:No data available	Flash point		
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Lower explosion limit: No data availableVapor pressure: 0.01 hpa (0.01 mmHg)Relative vapor density: No data availableDensity: 1.02 g/cm3 (20 °C (68 °F) ())Solubility(ies) Water solubility: insolublePartition coefficient: n- octanol/water: No data availableDecomposition temperature: No data availableDecomposition temperature: No data availableViscosity Viscosity, dynamic: No data availableViscosity, kinematic: No data availableExplosive properties: No data available	Flammability (solid, gas)	: No data available	
Vapor pressure:0.01 hpa (0.01 mmHg)Relative vapor density:No data availableDensity:1.02 g/cm3 (20 °C (68 °F) ())Solubility(ies) Water solubility:insolublePartition coefficient: n- octanol/water:No data availableAutoignition temperature Decomposition temperature:No data availableDecomposition temperature Viscosity, dynamic:No data availableViscosity, kinematic:No data availableViscosity, kinematic:> 20.5 mm2/sExplosive properties:No data available	Upper explosion limit	: No data available	
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Density: 1.02 g/cm3 (20 °C (68 °F) ())Solubility(ies) Water solubility: insolublePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableDecomposition temperature: No data availableViscosity Viscosity, dynamic: No data availableViscosity, kinematic: > 20.5 mm2/sExplosive properties: No data available	Vapor pressure	: 0.01 hpa (0.01 mmHg)	
Solubility(ies) Water solubility: insolublePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableDecomposition temperature: No data availableViscosity Viscosity, dynamic: No data availableViscosity, kinematic: > 20.5 mm2/sExplosive properties: No data available	Relative vapor density	: No data available	
Water solubility: insolublePartition coefficient: n- octanol/water: No data availableAutoignition temperature: No data availableDecomposition temperature: No data availableViscosity Viscosity, dynamic: No data availableViscosity, kinematic: > 20.5 mm2/sExplosive properties: No data available	Density	: 1.02 g/cm3 (20 °C (68	°F) ())
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Viscosity Viscosity, dynamic: No data availableViscosity, kinematic: > 20.5 mm2/sExplosive properties: No data available	Autoignition temperature	: No data available	
Viscosity, dynamic: No data availableViscosity, kinematic: > 20.5 mm2/sExplosive properties: No data available	Decomposition temperature	: No data available	
Explosive properties : No data available		: No data available	
	Viscosity, kinematic	: > 20.5 mm2/s	
Molecular weight : No data available	Explosive properties	: No data available	
	Molecular weight	: No data available	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	The product is chemically stable.



	Revision Date: 03/13/2017	SDS Number: 000000604777	
Possibility of hazardous reac tions	 Stable under recommended stor Vapors may form explosive mixt 		
Conditions to avoid	: Heat, flames and sparks.		
Incompatible materials	: No data available		
No decomposition if stored and applied as directed.			

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:		
Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 40 mg/l Exposure time: 4 h Test atmosphere: vapor Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Ingredients:		
Aminoalkyltrialkoxydisilane:		
Acute oral toxicity		LD50 Oral (Rat): 3,780 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 11,865 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization: Not classified based on available information. Respiratory sensitization: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

NTP

Suspected of causing cancer if inhaled. IARC Group 2B: Possibly carcinogenic to humans

ethylbenzene

Not applicable

100-41-4

Sikaflex®-2c NS/SL Part B



Version	Revision Date:
1.2	03/13/2017

SDS Number: 000000604777

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

May cause damage to organs (hearing organs) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecoto	vicity
ECOLO	xicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-	:	Do not empty into drains; dispose of this material and its con-
mation		tainer in a safe way.
		Avoid dispersal of spilled material and runoff and contact with
		soil, waterways, drains and sewers.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Contaminated packaging	: Empty containers should be taken to an approved waste han- dling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

Domestic regulation

TDG (road/train)



Version 1.2	Revision Date: 03/13/2017	SDS Number: 000000604777
UN number Proper shipping name	: UN 1993 : FLAMMABLE LIQUID, N. (xylene)	.O.S.
Class	: 3	
Packing group Labels	: III : 3	
International Regulation	S	
IATA-DGR UN/ID No. Proper shipping name Class Packing group Labels	 : UN 1993 : Flammable liquid, n.o.s. (xylene) : 3 : III : Flammable Liquids 	
Packing instruction (cargo aircraft)	•	
IMDG-Code UN number Proper shipping name Class	: UN 1993 : FLAMMABLE LIQUID, N. (xylene) : 3	.O.S.
Packing group Labels EmS Code Marine pollutant	: III : 3 : F-E, S-E : no	

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

Canadian lists

No substances are subject to a Significant New Activity Notification.

SECTION 16. OTHER INFORMATION

Revision Date	: 03/13/2017
Prepared by	: R & D of Sika Canada Inc.

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Version	Revision Date:	SDS Number:
1.2	03/13/2017	00000604777

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Full text of other abbreviations

ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
CAS	Chemical Abstracts Service
DNEL	Derived no-effect level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted no effect concentration
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	Substances of Very High Concern
vPvB	Very persistent and very bioaccumulative

CA / Z8