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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

### **1.1 Product identifier**

Trade name

: SikaInject<sup>®</sup>-1380 Part A

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use

: Concrete protection and repair system, Product is not intended for consumer use, For professional users only.

### 1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Nederland B.V. Zonnebaan 56 3542 EG Utrecht
		3542 EG Olfechi
		Nederland
Telephone	:	+31-30-2410120
Telefax	:	+31-30-2414482
E-mail address of person responsible for the SDS	:	EHS@nl.sika.com

### 1.4 Emergency telephone number

+31-57-0854201

## **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)							
Skin irritation, Category 2	H315: Causes skin irritation.						
Eye irritation, Category 2	H319: Causes serious eye irritation.						
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.						
Long-term (chronic) aquatic hazard, Cat- egory 2	H411: Toxic to aquatic life with long lasting effects.						

### 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Warning

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according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Hazard statements :	H315 H317 H319 H411	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting	
Precautionary statements :	<b>Prevention</b> P261 P264 P273 P280	Avoid breathing mist or vapour Wash skin thoroughly after har Avoid release to the environme Wear protective gloves/ eye pr protection.	ndling. ent.
	Response:		
	P333 + P31	3 If skin irritation or rash occurs: advice/ attention.	Get medical
	P391	Collect spillage.	

### Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxi)phenyl]propane Reaction mass of isomers of epoxy resin BFDGE reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SAFETY DATA SHEET	
according to Regulation (EC) No. 1907/2006, as amended by Commission Regula- tion (EU) 2020/878	

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## **SECTION 3: Composition/information on ingredients**

### 3.2 Mixtures

### Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
bis-[4-(2,3- epoxipropoxi)phenyl]propane	1675-54-3 216-823-5 01-2119456619-26- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411 	>= 60 - < 80
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
Reaction mass of isomers of epoxy resin BFDGE	Not Assigned 701-263-0 01-2119454392-40- XXXX	Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Chronic 2; H411	>= 20 - < 25
reaction products of 2,2- dimethylpropane- 1,3-diol with 1- chloro-2,3-epoxypropane	Not Assigned 701-333-0 01-2120759332-55- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 10 - < 20
[3-(2,3- epoxypro- poxy)propyl]trimethoxysilane Contains: methanol <= 0,2 %	2530-83-8 219-784-2 01-2119513212-58- XXXX	Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 1 - < 2,5

For explanation of abbreviations see section 16.

## **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

If inhaled : Move to fresh air.	General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
	If inhaled	:	Move to fresh air.

## SAFETY DATA SHEET according to Regulation (EC) No. 1907/20

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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		Consult a physician after significant exposu	ıre.
In case of skin contact	:	Take off contaminated clothing and shoes i Wash off with soap and plenty of water. If symptoms persist, call a physician.	immediately.
In case of eye contact	:	Immediately flush eye(s) with plenty of wate Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist	
If swallowed	:	Do not induce vomiting without medical adv Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an uncons	
4.2 Most important symptoms a	and	effects, both acute and delayed	
Symptoms	:	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information and symptoms.	on on health effects
Risks	:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
		irritant effects sensitising effects	
4.3 Indication of any immediate	e me	dical attention and special treatment need	led
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting mea	asur	es	
5.1 Extinguishing modia			
5.1 Extinguishing media Suitable extinguishing media		In case of fire, use water/water spray/water	r iet/carbon diox-

Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.

## 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion prod- ucts	:	No hazardous combustion products are known

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5.3 Advice for firefighters				
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breath	ing apparatus.	
Further information	:	Collect contaminated fire extinguishing water s must not be discharged into drains. Fire residues and contaminated fire extinguish be disposed of in accordance with local regula	ing water must	

### **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions			

### Environmental precautions : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

## 6.4 Reference to other sections

For personal protection see section 8.

### **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

Advice on safe handling	<ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> </ul>
	Follow standard hygiene measures when handling chemical products

Advice on protection against : Normal measures for preventive fire protection.



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fire and explosion		
Hygiene measures :	Handle in accordance with good industrial hygic practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the e	using do not
7.2 Conditions for safe storage, inc	luding any incompatibilities	
Requirements for storage : areas and containers	Keep container tightly closed in a dry and well-velace. Containers which are opened must be casealed and kept upright to prevent leakage. Sto ance with local regulations.	arefully re-
Further information on stor- : age stability	No decomposition if stored and applied as direc	xted.
Recommended storage tem- : perature	> 10 °C	
7.3 Specific end use(s)		
Specific use(s) :	Consult most current local Product Data Sheet use.	prior to any

## **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

### Occupational Exposure Limits

	Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
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Contains no substances with occupational exposure limit values.

### Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC
		Further information: Indicative, Identifies the possibility of signifi- cant uptake through the skin		
		TLV-8hr	100 ppm 133 mg/m3	NL WG
	Further inform	Further information: Skin notation		

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

### 8.2 Exposure controls

### Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

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Eye/face protection	: Safety glasses with side-shields conform Eye wash bottle with pure water	ing to EN166
Hand protection	: Chemical-resistant, impervious gloves co proved standard must be worn at all time chemical products. Reference number El facturer specifications.	es when handling
	Suitable for short time use or protection a Butyl rubber/nitrile rubber gloves (> 0,1 n Contaminated gloves should be removed Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	nm)
Skin and body protection	: Protective clothing (e.g. Safety shoes acc long-sleeved working clothing, long trous and protective boots are additionaly reco and stirring work.	ers). Rubber aprons
Respiratory protection	: No special measures required.	
Environmental exposure co	trols	
General advice	: Do not flush into surface water or sanitar If the product contaminates rivers and lak respective authorities.	

## **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid colourless				
Odour	:	slight				
Melting point/ range / Freez- ing point	:	No data available				
Boiling point/boiling range	:	> 150 °C				
Flammability (solid, gas)	:	No data available				
Upper/lower flammability or explosive limits Upper explosion limit / Up- : No data available						

per flammability limit

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Lower explosion limit / Lower flammability limit	: No data available	
Flash point	: > 101 °C Method: closed cup	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
рН	: 7 (23 °C) Concentration: 50 %	
Viscosity		
Viscosity, dynamic	: 500 mPa.s	
Viscosity, kinematic	: No data available	
Solubility(ies)		
Water solubility	: insoluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 0,01 hPa	
Density	: ca. 1,15 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
9.2 Other information		
Explosives	: Not explosive	



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SECTION 10: Stability and react	ity	
10.1 Reactivity		
No dangerous reaction known u	er conditions of normal use.	
10.2 Chemical stability		
The product is chemically stable		
10.3 Possibility of hazardous react	ns	
Hazardous reactions		
10.4 Conditions to avoid		
Conditions to avoid	No data available	
10.5 Incompatible materials		
Materials to avoid	No data available	
10.6 Hazardous decomposition pro	ucts	
Hazardous decomposition products	methanol	

## **SECTION 11: Toxicological information**

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Acute toxicity

Not classified due to lack of data.

### Components:

### bis-[4-(2,3-epoxipropoxi)phenyl]propane:

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg
reaction products of 2,2-dim Acute oral toxicity		hylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane: LD50 (Rat): 3.595 mg/kg
Acute dermal toxicity	:	LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402
[3-(2,3-epoxypropoxy)propy Acute oral toxicity	l]tri :	methoxysilane: LD50 Oral (Rat): 7.010 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 5,3 mg/l

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	Exposure time: 4 h Test atmosphere: dust/mist	
Acute dermal toxicity :	LD50 Dermal (Rabbit): 4.248 mg/kg	
Skin corrosion/irritation Causes skin irritation.		
Serious eye damage/eye irritat Causes serious eye irritation.	ion	
Respiratory or skin sensitisation	on	
<b>Skin sensitisation</b> May cause an allergic skin reacti	on.	
<b>Respiratory sensitisation</b> Not classified due to lack of data		
Germ cell mutagenicity Not classified due to lack of data		
<b>Carcinogenicity</b> Not classified due to lack of data		
<b>Reproductive toxicity</b> Not classified due to lack of data		
<b>STOT - single exposure</b> Not classified due to lack of data		
STOT - repeated exposure Not classified due to lack of data		
Aspiration toxicity Not classified due to lack of data		
11.2 Information on other hazards		
Endocrine disrupting propertie	25	
Product:		
Assessment :	The substance/mixture does not contain con ered to have endocrine disrupting properties REACH Article 57(f) or Commission Delegat (EU) 2017/2100 or Commission Regulation (	according to ted regulation

levels of 0.1% or higher.



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### **SECTION 12: Ecological information**

### 12.1 Toxicity

Components:

### bis-[4-(2,3-epoxipropoxi)phenyl]propane:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 1,8 mg/l Exposure time: 48 h
Reaction mass of isomers of	fep	poxy resin BFDGE:
Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): 2,54 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia magna (Water flea)): 2,55 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (algae): 1,8 mg/l Exposure time: 72 h

### [3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

Toxicity to fish: LC50 (Cyprinus carpio (Carp)): 55 mg/lExposure time: 96 h

:

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

### Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### **12.6 Endocrine disrupting properties**

### Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to



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		REACH Article 57(f) or Commission D (EU) 2017/2100 or Commission Regul levels of 0.1% or higher.	
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	An environmental hazard cannot be ex unprofessional handling or disposal.	cluded in the event of
		Toxic to aquatic life with long lasting e	ffects

## 13.1 Waste treatment methods

13.1 Waste treatment methous	
Product	<ul> <li>The generation of waste should be avoided or minimized wherever possible.</li> <li>Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.</li> <li>Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.</li> <li>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.</li> <li>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.</li> </ul>

## **SECTION 14: Transport information**

## 14.1 UN number or ID number

ADR	:	UN 3082
IMDG	:	UN 3082
ΙΑΤΑ	:	UN 3082
14.2 UN proper shipping name		
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)
ΙΑΤΑ	:	Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)

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### 14.3 Transport hazard class(es)

			Class	Subsidiary risks
	ADR	:	9	
	IMDG	:	9	
	ΙΑΤΑ	:	9	
14.4	Packing group			
	ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code		III M6 90 9 (-)	
	IMDG Packing group Labels EmS Code	:	III 9 F-A, S-F	
	IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	:	964 Y964 III Miscellaneous	
	IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	:	964 Y964 III Miscellaneous	
14.5	Environmental hazards			
	ADR Environmentally hazardous	:	yes	
	IMDG Marine pollutant	:	yes	
	IATA (Passenger) Environmentally hazardous	:	yes	
	IATA (Cargo) Environmentally hazardous	:	yes	

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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<b>4.7 Maritime transport in bulk a</b> Not applicable for product as s	-	ents		
SECTION 15: Regulatory info	mation			
5.1 Safety, health and environm International Chemical Weapo Schedules of Toxic Chemicals	ons Convention (CWC)	tion :		nixture
REACH Information:		egulation, and/or		
REACH - Restrictions on the r the market and use of certain mixtures and articles (Annex >	dangerous substances,	:	Conditions of restriction for the lowing entries should be consid Number on list 3	
			Number on list 75:	
REACH - Candidate List of Su Concern for Authorisation (Art		:	None of the components are lis (=> 0.1 %).	ted
REACH - List of substances s (Annex XIV)	ubject to authorisation	:	Not applicable	
Regulation (EC) on substance layer	s that deplete the ozone	:	Not applicable	
Regulation (EU) 2019/1021 or tants (recast)	n persistent organic pollu-	:	Not applicable	
Regulation (EU) No 649/2012 of the European Parlia- ment and the Council concerning the export and impo of dangerous chemicals			Not applicable	
Seveso III: Directive 2012/18/I jor-accident hazards involving E2			and of the Council on the contro	l of ma-
Volatile organic compounds	· I aw on the incentive t	av f	or volatile organic compounds	

Volatile organic compounds : Law on the incentive tax for volatile organic compounds

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(VOCV) no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

### **SECTION 16: Other information**

Full text of H-Statements						
H315	:	Causes skin irritation.				
H317	:	May cause an allergic skin reaction.				
H318	:	Causes serious eye damage.				
H319	:	Causes serious eye irritation.				
H411	:	Toxic to aquatic life with long lasting effects.				
H412	:	Harmful to aquatic life with long lasting effects.				
Full text of other abbreviations						
Aquatic Chronic	:	Long-term (chronic) aquatic hazard				
Eye Dam.	:	Serious eye damage				
Eye Irrit.	:	Eye irritation				
Skin Irrit.	:	Skin irritation				
Skin Sens.	:	Skin sensitisation				
2006/15/EC	:	Europe. Indicative occupational exposure limit values				
NL WG	:	Netherlands. Law on Labour conditions - Occupational Expo-				
		sure Limits				
2006/15/EC / TWA	:	Limit Value - eight hours				
NL WG / TLV-8hr	:	Time Weighted Average				
ADR	:	European Agreement concerning the International Carriage of				
		Dangerous Goods by Road				
CAS	:	Chemical Abstracts Service				
DNEL	:	Derived no-effect level				
EC50	:	Half maximal effective concentration				
GHS	:	Globally Harmonized System				
ΙΑΤΑ	:	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				

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REACH	and of the Court istration, Evaluation	) No 1907/2006 of the Eur ncil of 18 December 2006 ation, Authorisation and Re establishing a European C	concerning the Reg- estriction of Chemi-		
SVHC	: Substances of	Substances of Very High Concern			
vPvB	: Very persistent	Very persistent and very bioaccumulative			
Further information		Classification w			
Classification of the mixtu	ire:	Classification p	rocedure:		
Skin Irrit. 2	H315	Calculation meth	od		
Eye Irrit. 2	H319	Calculation meth	od		
Skin Sens. 1	H317	Calculation meth	od		
Aquatic Chronic 2	H411	Calculation meth	od		

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

NL / EN