

Version 9.5

Print Date 24.01.2025

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

1.1 Product identifier

Trade name

SCHÖNOX[®] EPB Part A

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

Product use : Epoxy coating

1.3 Details of the supplier of the safety data sheet

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

1.4 Emergency telephone number

+31-57-0854201

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 12	72/2008)
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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Hazard statements :	H317 Ma H319 Ca	auses skin irritation. ay cause an allergic skin reaction. auses serious eye irritation. oxic to aquatic life with long lasting	effects.
Precautionary statements :	Prevention: P261 P264 P273 P280	Avoid breathing mist or vapours Wash skin thoroughly after hand Avoid release to the environmer Wear protective gloves/ eye pro protection.	dling. nt.
	Response: P333 + P313 P391	If skin irritation or rash occurs: G advice/ attention. Collect spillage.	Get medical

Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxi)phenyl]propane Reaction mass of isomers of epoxy resin BFDGE oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

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.



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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 specific concentration limit Eye Irrit. 2; H319 >= 5 % specific concentration limit Skin Irrit. 2; H315 >= 5 %	>= 60 - < 80
bis(isopropyl)naphthalene	38640-62-9 254-052-6 01-2119565150-48- XXXX	Asp. Tox. 1; H304 Aquatic Chronic 1; H410	>= 10 - < 20
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	>= 5 - < 10
oxirane, mono[(C12-14- alkyloxy)methyl] derivs.	68609-97-2 271-846-8 01-2119485289-22- XXXX	Skin Irrit. 2; H315 Skin Sens. 1; H317 Repr. 1B; H360F	>= 5 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

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. Consult a physician after significant exposure.



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In case of skin contact	:	Take off contaminated clothing and shoes imme Wash off with soap and plenty of water. If symptoms persist, call a physician.	ediately.
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	:	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconsciou	is person.
4.2 Most important symptoms a	nd	effects, both acute and delayed	
Symptoms	:	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information or and symptoms.	health effects
Risks	:	irritant effects sensitising effects	
		Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
4.3 Indication of any immediate Treatment	me :	dical attention and special treatment needed Treat symptomatically.	
SECTION 5: Firefighting mea	sur	res	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/o ide/sand/foam/alcohol resistant foam/chemical p extinction.	
5.2 Special hazards arising from	h th	e substance or mixture	
Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter dr courses.	ains or water
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 breathin	g apparatus.
Further information	:	Collect contaminated fire extinguishing water se must not be discharged into drains. Fire residues and contaminated fire extinguishin be disposed of in accordance with local regulation	ng 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	 Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. 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. Smoking, eating and drinking should be prohibited in the application area.
	plication area. 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 hygie practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the er	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-v place. Containers which are opened must be ca sealed and kept upright to prevent leakage. Stor ance with local regulations.	refully re-
Further information on stor- : age stability	No decomposition if stored and applied as direc	ted.
7.3 Specific end use(s)		
Specific use(s) :	Consult most current local Product Data Sheet p 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 *
		oi exposure)	leis	

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

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

Personal protective equipment

Eye/face protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications. Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,



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	long-sleeved working clothing, long trou and protective boots are additionaly rec and stirring work.	
Respiratory protection	: No special measures required.	
Environmental exposure of	controls	
General advice	: Do not flush into surface water or sanita If the product contaminates rivers and la respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

1	information on basic physical	an	a chemical properties
	Physical state Colour	:	liquid various
	Odour	:	very faint
	Melting point/ range / Freez- ing point	:	No data available
	Boiling point/boiling range	:	No data available
	Flammability (solid, gas)	:	No data available
	Upper/lower flammability or e Upper explosion limit / Up- per flammability limit	-	
	Lower explosion limit / Lower flammability limit	:	No data available
	Flash point	:	> 101 °C Method: closed cup
	Auto-ignition temperature	:	Not applicable
	Decomposition temperature	:	No data available
	рН	:	ca. 7 Concentration: 100 %



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Viscosity Viscosity, dynamic	: ca. 1.600 mPa.s (20 °C)	
Viscosity, kinematic	: > 20,5 mm2/s (40 °C)	
Solubility(ies) Water solubility	: insoluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 0,01 hPa	
Density	: ca. 1,1 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

10.4 Conditions to avoid

Conditions to avoid	:	No data available

10.5 Incompatible materials

Materials to avoid : No data available



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10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified based on available information.

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			
bis(isopropyl)naphthalene:					
Acute oral toxicity	:	LD50 Oral (Rat): > 3.900 mg/kg			
Acute inhalation toxicity	:	LC50 (Rat): > 5,64 mg/l Exposure time: 4 h Test atmosphere: dust/mist			
Acute dermal toxicity	:	LD50 Dermal (Rat): > 4.500 mg/kg			
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.:					
Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg			
Skin corrosion/irritation					

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

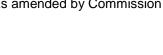
Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.





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Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: 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.

SECTION 12: Ecological information

12.1 Toxicity

Components:

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

	.,	16			
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 epoxy 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			

12.2 Persistence and degradability

No data available



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12.3 Bioaccumulative potential No data available			
12.4 Mobility in soil No data available			
12.5 Results of PBT and vPvB a	sses	sment	
Product:			
Assessment	:	This substance/mixture contains no com to be either persistent, bioaccumulative very persistent and very bioaccumulative 0.1% or higher	and toxic (PBT), or
Components:			
bis(isopropyl)naphthalene:			
Assessment	:	vPvB substance	
12.6 Endocrine disrupting prop	erties	5	
Product:			
Assessment	:	The substance/mixture does not contain ered to have endocrine disrupting proper REACH Article 57(f) or Commission Dele (EU) 2017/2100 or Commission Regulati levels of 0.1% or higher.	rties according to egated regulation
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	An environmental hazard cannot be exclunprofessional handling or disposal. Toxic to aquatic life with long lasting effe	
SECTION 13: Disposal consid	dera	tions	
13.1 Waste treatment methods			
Product	:	The generation of waste should be avoid	led or minimized

wherever possible.
Empty containers or liners may retain some product residues.
This material and its container must be disposed of in a safe way.
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
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.



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		Avoid dispersal of spilled material and runof soil, waterways, drains and sewers.	f and contact with
European Waste Catalogue	:	08 01 11* waste paint and varnish containin vents or other dangerous substances	ng organic sol-
Contaminated packaging	:	15 01 10* packaging containing residues of by dangerous substances	or contaminated

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, LIC N.O.S. (epoxy resin)	QUID,
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIC N.O.S. (epoxy resin)	QUID,
ΙΑΤΑ	:	Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)	
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 Remarks	: : : :	III M6 90 9 (-) Transport in accordance with special provision 375	
IMDG Packing group Labels	:	III 9	



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EmS Code Remarks	:	F-A, S-F Transport in accordance with 2.10.2.7 of the IM	DG-Code
IATA (Cargo)			
Packing instruction (cargo aircraft)	:	964	
Packing instruction (LQ)	:	Y964	
Packing group	:		
Labels	:		4.407
Remarks	:	Transport in accordance with special regulation	A 197
IATA (Passenger)			
Packing instruction (passen- ger aircraft)	:	964	
Packing instruction (LQ)	:	Y964	
Packing group	:	III	
Labels	:	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.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors

REACH Information:

All substances contained in our Products are

: Not applicable

- registered by our upstream suppliers, and/or
- registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

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REACH - Restrictions on the mathemarket and use of certain date mixtures and articles (Annex XV	ingerous substances,	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
			Number on list 75:
REACH - Candidate List of Subs Concern for Authorisation (Articl	, ,	:	None of the components are listed (=> 0.1 %).
REACH - List of substances sub (Annex XIV)	ject to authorisation	:	Not applicable
Regulation (EC) on substances layer	that deplete the ozone	:	Not applicable
Regulation (EU) 2019/1021 on p tants (recast)	ersistent organic pollu-	:	Not applicable
Regulation (EU) No 649/2012 of ment and the Council concernin of dangerous chemicals		:	Not applicable
Seveso III: Directive 2012/18/EL jor-accident hazards involving da E2			t and of the Council on the control of ma- RDS
Volatile organic compounds :	(VOCV)		or volatile organic compounds ds (VOC) content: 0,01% w/w
	emissions (integrated	poll	4 November 2010 on industrial ution prevention and control) ds (VOC) content: 0,01% w/w

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



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SECTION 16: Other information

Full text of H-Statements		
H304	:	May be fatal if swallowed and enters airways.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H319	:	Causes serious eye irritation.
H360F	:	May damage fertility.
H410	:	Very toxic to aquatic life with long lasting effects.
H411	:	Toxic to aquatic life with long lasting effects.
Full text of other abbreviation	ns	
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Eye Irrit.	:	Eye irritation
Repr.	:	Reproductive toxicity
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
ADR	:	European Agreement concerning the International Carriage of
<u></u>		Dangerous Goods by Road
CAS	:	Chemical Abstracts Service
DNEL	÷	Derived no-effect level
EC50	÷	Half maximal effective concentration
GHS	÷	Globally Harmonized System
IATA IMDG	÷	International Air Transport Association
	:	International Maritime Code for Dangerous Goods Median lethal dosis (the amount of a material, given all at
LD50	·	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 Reg-
		istration, Evaluation, Authorisation and Restriction of Chemi-
		cals (REACH), establishing a European Chemicals Agency
SVHC	:	Substances of Very High Concern
vPvB	:	Very persistent and very bioaccumulative
		· · · ·

Further information

Classification of the mixture:		Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method



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Skin Sens. 1	H317	Calculation method	
Aquatic Chronic 2	H411	Calculation method	

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