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

1.1 Product identifier

Trade name

: SikaScreed®-20 EBB Part A

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

Product use : Special system

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Schweiz AG
		Tüffenwies 16
		8048 Zürich
Telephone	:	+41 58 436 40 40
Telefax	:	-
E-mail address of person responsible for the SDS	:	EHS@ch.sika.com

1.4 Emergency telephone number

Tox Info Suisse CH-8028 Zurich +41(0)44 251 51 51 / Speed calling: 145

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.
Reproductive toxicity, Category 1B	H360F: May damage fertility.
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)

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

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Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H315 H317 H319 H360F H411	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May damage fertility. Toxic to aquatic life with long lasting effects.
Precautionary statements	:	Prevention: P201 P261 P273 P280	Obtain special instructions before use. Avoid breathing mist or vapours. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P308 + P313	3 IF exposed or concerned: Get medical ad- vice/ attention.
		P391	Collect spillage.

Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxi)phenyl]propane 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 	>= 40 - < 60
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	>= 2,5 - < 5
(1-methylethyl)-1,1'-biphenyl Contains: diisopropyl-1,1'-biphenyl >= 9,9 %	25640-78-2 247-156-8 01-2119982993-17- XXXX	Eye Irrit. 2; H319 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	>= 2,5 - < 5

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.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

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

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	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	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 unconscie	
4.2 Most important symptoms and	effects, both acute and delayed	
Symptoms	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information and symptoms.	on health effects
Risks	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May damage fertility.	
	irritant effects sensitising effects toxic effects for reproduction	
4.3 Indication of any immediate m	edical attention and special treatment needec	ł
Treatment	Treat symptomatically.	
SECTION 5: Firefighting measu	res	
5.1 Extinguishing media		
	In case of fire, use water/water spray/water je ide/sand/foam/alcohol resistant foam/chemica extinction.	
5.2 Special hazards arising from t	ne substance or mixture	
Specific hazards during fire- fighting	Do not allow run-off from fire fighting to enter courses.	drains or water
Hazardous combustion prod- ucts	No hazardous combustion products are know	n

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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 a must not be discharged into drains. Fire residues and contaminated fire extinguish be disposed of in accordance with local regula	ning 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 asth- ma, 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 ap- plication area.
	Pregnant women or women of child-bearing age should not be exposed to this product.
	Follow standard hygiene measures when handling chemical products

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Advice on protection against : fire and explosion	Normal measures for preventive fire protection).
Hygiene measures :	Handle in accordance with good industrial hyg practice. When using do not eat or drink. Whe smoke. Wash hands before breaks and at the	n 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 place. Store in accordance with local regulatio	
Further information on stor- : age stability	No decomposition if stored and applied as dire	ected.
7.3 Specific end use(s)		
Specific use(s) :	Consult most current local Product Data Shee use.	t 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.

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 trop and protective boots are additionaly rec and stirring work.	
Respiratory protection	: No special measures required.	
Environmental exposure	controls	
General advice	: Do not flush into surface water or sanital If the product contaminates rivers and la respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	: : :	liquid paste grey
Odour	:	No data available
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	əxp	losive limits
Upper explosion limit / Upper flammability limit	:	No data available
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	:	Not applicable substance/mixture is non-soluble (in water)

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Viscosity Viscosity, kinematic	: > 20,5 mm2/s (40 °C)	
Solubility(ies) Water solubility	: insoluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: ca. 0,2 hPa	
Density	: ca. 1,4 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.

2

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

10.5 Incompatible materials

:	No data available

10.6 Hazardous decomposition products

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
-----------------------	---	-------------------------------------

according to Regulation (EC) No. 1907/2006, as amended by Commission Regula-

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No hazardous decomposition products are known.

oxirane, mono[(C12-14-alkyloxy)methyl] derivs .:

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
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(1-methylethyl)-1,1'-biphenyl:

Acute oral toxicity	:	LD50 Oral (Rat): 4.650 mg/kg
		Method: OECD Test Guideline 401

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 due to lack of data.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

May damage fertility.

STOT - single exposure

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SECTION 11: Toxicological information

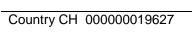
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STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting 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:

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

(1-methylethyl)-1,1'-biphenyl:

Toxicity to daphnia and other	:	LC50 (Daphnia magna (Water flea)): 0,167 mg/l
aquatic invertebrates		Exposure time: 48 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..

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12.6 Endocrine disrupting properties

Product:		
Assessment	:	The substance/mixture does not contain components consid- ered 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.
12.7 Other adverse effects		
Product:		
Additional ecological infor- mation	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	The generation of waste should be avoided 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.
		Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Waste code Switzerland VeVA/LVA	:	08 04 09 [S] waste adhesives and sealants containing organic solvents or other dangerous substances

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

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ADR	:	ENVIRONMENTALLY HAZARDOUS SU N.O.S. (epoxy resin)	IBSTANCE, LIQUID,
IMDG	:	ENVIRONMENTALLY HAZARDOUS SU N.O.S. (epoxy resin)	IBSTANCE, LIQUID,
ΙΑΤΑ	:	Environmentally hazardous substance, li (epoxy resin)	quid, n.o.s.
4.3 Transport hazard class(es)			
		Class Subsidiary risks	
ADR	:	9	
IMDG	:	9	
ΙΑΤΑ	:	9	
4.4 Packing group			
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code Remarks	::	III M6 90 9 (-) Transport in accordance with special pro	vision 375
IMDG			
Packing group Labels	:	 9	
EmS Code	÷	9 F-A, S-F	
Remarks	:	Transport in accordance with 2.10.2.7 of	the IMDG-Code
IATA (Cargo)			
Packing instruction (cargo aircraft)	:	964	
Packing instruction (LQ)	:	Y964	
Packing group	:	III Misselleneeue	
Labels Remarks	:	Miscellaneous Transport in accordance with special reg	ulation A 197
IATA (Passenger)			
Packing instruction (passen-	:	964	
ger aircraft) Packing instruction (LQ)	:	Y964	
Packing group	:	111	
Labels	:	Miscellaneous	

14.5 Environmental hazards

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Environmentally hazardous	: yes		
IMDG Marine pollutant	: yes		
IATA (Passenger) Environmentally hazardous	: yes		
IATA (Cargo) Environmentally hazardous	: yes		
14.6 Special precautions for use	r		
The transport classification(s) upon the properties of the unp Transportation classifications regional or country regulations	ackaged material as it is o may vary by mode of trans	described within this Sa	afety Data Sheet.
14.7 Maritime transport in bulk a	ccording to IMO instrum	ents	
Not applicable for product as	supplied.		
15.1 Safety, health and environm International Chemical Weapor Schedules of Toxic Chemicals REACH Information:	ons Convention (CWC) and Precursors	ation specific for the station specific for the states of	
	 registered by our up registered by us, an excluded from the rest exempted from the 	egulation, and/or	'or
REACH - Restrictions on the r the market and use of certain mixtures and articles (Annex)	dangerous substances,		striction for the fol- hould be considered:
		Number on list 3 mono[(C12-14-a derivs.	
		Number on list 7	' 5:
REACH - Candidate List of Su	bstances of Very High	: None of the com	ponents are listed

(=> 0.1 %).

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REACH - List of substances subject to authorisation : Not applicable (Annex XIV)

Concern for Authorisation (Article 59).

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Regulation (EC) on substances layer	that deplete the ozone : Not applicable	
Regulation (EU) 2019/1021 on tants (recast)	persistent organic pollu- : Not applicable	
PIC Ordinance, ChemPICO (81	14.82) : Not applicable	
Ordinance on Protection agains Threshold quantity according to nance (MAO 814.012)		
Chemical Risk Reduction Ordin (ORRChem, SR 814.81) Waters Protection Ordinance (N Water pollution class	should be considered: Annex 1.11 Dangerous liquid substar	nces
Volatile organic compounds	: Law on the incentive tax for volatile organic com (VOCV) Volatile organic compounds (VOC) content: 0,02 no VOC duties	
	Directive 2010/75/EU of 24 November 2010 on emissions (integrated pollution prevention and o Volatile organic compounds (VOC) content: 0,02	control)

Other regulations:

Article 13 Maternity ordinance (SR 822.111.52): Expectant and nursing mothers are only permitted to come into contact with this product during the course of their work if, based on a risk assessment carried out in accordance with Article 63 of Ordinance 1 on the Employment Act (ArGV 1) (SR 822.111), the chemicals in question have been found not to cause any specific harm to mothers or children or if such harm can be ruled out by taking appropriate protective measures.

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.



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The product belongs to group 1 according to the Swiss Chemicals Ordinance (ChemO 813.11).

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		
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.
H400		Very toxic to aquatic life.
H411	:	Toxic to aquatic life with long lasting effects.
Full text of other abbreviatio	ns	
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Eye Irrit.	:	Eve irritation
Repr.	:	Reproductive toxicity
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
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
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
.		

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Further information

Classification of the mixture:

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Repr. 1B	H360F
Aquatic Chronic 2	H411

Classification procedure:

Calculation method
Calculation method
Calculation method
Calculation method
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 !

CH / EN

