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

1.1 Product identifier

Trade name

Sikafloor[®]-220 W Conductive Part B

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

: Sika Poland Spółka z o.o.
Karczunkowska 89
02-871 Warszawa
: +48 22 27 28 700
: +48 22 27 28 800
: EHS@pl.sika.com

1.4 Emergency telephone number

112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 127	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	
Hazard statements	:	H315 H317	Causes skin irritation. May cause an allergic skin reaction.

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	H319 H411	Causes serious eye irritation. Toxic to aquatic life with long	
Precautionary statements	: P101	If medical advice is need container or label at han	•
	P102	Keep out of reach of chi	ildren.
	Prevention	1:	
	P273 P280	Avoid release to the env Wear protective gloves/ protection.	
	Response:	•	
	P391	Collect spillage.	
	Disposal:		
	P501	Dispose of contents/con with local regulation.	ntainer in accordance

Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxi)phenyl]propane bis-[4-(2,3-epoxypropoxy)phenyl]methane 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 % Skin Irrit. 2; H315 >= 5 %	>= 40 - < 60
bis-[4-(2,3- epoxypropoxy)phenyl]methane	Not Assigned 701-263-0 01-2119454392-40- XXXX	Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Chronic 2; H411	>= 10 - < 20
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	>= 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. 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.

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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 unconscio	
4.2 Most important symptoms a	nd e	effects, both acute and delayed	
Symptoms	:	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information of and symptoms.	n 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	meo :	dical attention and special treatment needed Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/ ide/sand/foam/alcohol resistant foam/chemical extinction.	
5.2 Special hazards arising from	the	e substance or mixture	
Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter d courses.	rains or water
Hazardous combustion prod- ucts	:	No hazardous combustion products are known	
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathi	ng 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 regular	ing water must



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SECTION 6: Accidental release measures

6.1 Personal precautions, protection	ctive	e 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 co	ntai	nment 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. Follow standard hygiene measures when handling chemical products
	Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
	Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
7.2	Conditions for safe storage,	inc	luding any incompatibilities

Requirements for storage	:	Keep container tightly closed in a dry and well-ventilated
areas and containers		place. Containers which are opened must be carefully re-
		sealed and kept upright to prevent leakage. Store in accord-



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	ance with local regulations.	
Further information on stor- age stability	No decomposition if stored and applied as di	rected.
7.3 Specific end use(s) Specific use(s)	Consult most current local Product Data She use.	et 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 approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer 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, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.			
Respiratory protection	No special measures required.			
Environmental exposure controls				
General advice	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.			

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Information on basic physical	an	d chemical properties
Physical state Colour	:	liquid white
Odour	:	very faint
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or (exp	losive limits
Upper explosion limit / Upper flammability limit	-	
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
рН	:	ca. 7 Concentration: 100 %
Viscosity		
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies)		
Water solubility	:	soluble
Partition coefficient: n-	:	No data available

octanol/water

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Vapour pressure	: 23 hPa	
Density	: ca. 1,07 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.
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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 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		I D50 Dermal (Rabbit): > 5 000 mg/kg
Acute dermal toxicity	•	LD50 Dermal (Rabbit): > 5.000 mg/kg

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

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

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.

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:



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Toxicity to fish		(Oncorhynchus mykiss (rainbow tro ure time: 96 h	out)): 2 mg/l	
Toxicity to daphnia and other aquatic invertebrates		(Daphnia magna (Water flea)): 1,8 ure time: 48 h	mg/l	
bis-[4-(2,3-epoxypropoxy)ph	enyl]meth	ane:		
Toxicity to fish	: LC50	(Leuciscus idus (Golden orfe)): 2,54 ure time: 96 h	4 mg/l	
Toxicity to daphnia and other aquatic invertebrates		(Daphnia magna (Water flea)): 2,55 ure time: 48 h	5 mg/l	
Toxicity to algae/aquatic plants		(algae): 1,8 mg/l ure time: 72 h		
12.2 Persistence and degradabili No data available	y			
12.3 Bioaccumulative potential No data available				
12.4 Mobility in soil No data available				
12.5 Results of PBT and vPvB as	essment			
Product:				
Assessment	to be e very p	ubstance/mixture contains no comp either persistent, bioaccumulative a ersistent and very bioaccumulative or higher	nd toxic (PBT), or	
12.6 Endocrine disrupting prope	ies			
Product:				
Assessment	ered to REAC (EU) 2	ubstance/mixture does not contain of b have endocrine disrupting propert H Article 57(f) or Commission Dele 2017/2100 or Commission Regulation of 0.1% or higher.	ties according to gated regulation	
12.7 Other adverse effects				
Product: Additional ecological infor- mation	unprof	vironmental hazard cannot be exclu ressional handling or disposal. to aquatic life with long lasting effec		

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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 reside This material and its container must be disposed of in a sa way. Dispose of surplus and non-recyclable products via a lice waste disposal contractor. Disposal of this product, solutions and any by-products sh 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 soil, waterways, drains and sewers.	afe nsed nould I
European Waste Catalogue	08 01 11* waste paint and varnish containing organic solvents or other dangerous substances	-
Contaminated packaging	15 01 10* packaging containing residues of or contaminat by dangerous substances	ed

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 N.O.S. (epoxy resin)	Y HAZARDOUS SUBSTANCE, LIQUID,	
IMDG	:	ENVIRONMENTALLY N.O.S. (epoxy resin)	Y HAZARDOUS SUBSTANCE, LIQUID,	
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		
Country PL 00000051374			11	

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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 EmS Code Remarks	: : : :	III 9 F-A, S-F Transport in accordance with 2.10.2.7 of the IMDG-Code
	IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels Remarks	:	964 Y964 III Miscellaneous Transport in accordance with special regulation A 197
14 -	IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	:	964 Y964 III Miscellaneous
14.0	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.

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors **REACH Information:** All substances contained in our Products are - registered by our upstream suppliers, and/or - registered by us, and/or - excluded from the regulation, and/or - exempted from the registration. REACH - Restrictions on the manufacture, placing on Conditions of restriction for the fol-: the market and use of certain dangerous substances, lowing entries should be considered: mixtures and articles (Annex XVII) Number on list 75, 3 REACH - Candidate List of Substances of Very High None of the components are listed Concern for Authorisation (Article 59). (=> 0.1 %). REACH - List of substances subject to authorisation Not applicable (Annex XIV) Regulation (EC) No 1005/2009 on substances that de-Not applicable plete the ozone layer Regulation (EU) 2019/1021 on persistent organic pollu-Not applicable 2 tants (recast) Regulation (EU) No 649/2012 of the European Parlia-Not applicable ment and the Council concerning the export and import of dangerous chemicals Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E2 ENVIRONMENTAL HAZARDS Volatile organic compounds Law on the incentive tax for volatile organic compounds (VOCV) no VOC duties Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

Not applicable

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Other regulations:

Act of February 25, 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2020, item 2289)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 from 31.12.2008) with further adaptation to technical progress (ATP).

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, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396 from 30.12.2006, as amended).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments).

Ordinance of the Minister of Health of 2nd February 2011 concerning tests and measurement of agents harmful for health in the workplace (Dz. U. Nr. 33, item 166 with later amendments).

Ordinance of the Minister of Health of 30th December 2004 on the health and safety of workers related to chemical agents at work (consolidated text, Journal of Laws 2016 no. 0 item 1488)

Act of 14 December 2012. on Waste (Journal of Laws of 2013. pos. 21, as amended).

Act of 13 June 2013. On packaging and packaging waste (Journal. U. of 2013. Item. 888, as amended).

Ordinance of the Minister of Climate of 2nd January 2020 on Waste Catalog (Dz. U. 2020 item 10).

Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

Act of 19 August 2011 on transport of dangerous goods (Dz. U. Nr. 227, item 1367, as amended).

Government Statement of February 15, 2021 on the entry into force of amendments to Annexes A and B to Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (Journal of Laws 202 poz.874 as amended)

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Act of July 29, 2005 on drug addiction prevention (Journal of Laws of 2005, No. 179, item 1485, with later amendments)

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

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.
H319	:	Causes serious eye irritation.
H411	:	Toxic to aquatic life with long lasting effects.
Full text of other abbreviation	ns	
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Irrit.	:	Eye irritation
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

Further information



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Classification of the r	nixture:	Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
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 !

PL/EN