

Version 4.0

Print Date 09.05.2025

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

1.1 Product identifier

Trade name

: Sikafloor[®]-2510 W 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

Company name of supplier	:	Sika Ireland Ltd
		Sika House
		Ballymun Industrial Estate
		Dublin 11
Telephone	:	+353 1862 0709
E-mail address of person	:	EHS@UK.Sika.com
responsible for the SDS		

1.4 Emergency telephone number

National Poisons Information Centre (NPIC) (01) 809 2166 (available 8am - 10pm every day)

Sika Ireland (01) 862 0709 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)Skin irritation, Category 2H315: Causes skin irritation.Eye irritation, Category 2H319: Causes serious eye irritation.Skin sensitisation, Category 1H317: May cause an allergic skin reaction.Reproductive toxicity, Category 1BH360F: May damage fertility.Long-term (chronic) aquatic hazard, Category 2H411: 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	:	P101 P102	If medical advice is needed, have product container or label at hand. Keep out of reach of children.
		Prevention	
		P202	Do not handle until all safety precautions have been read and understood.
		P273 P280	Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P308 + P31	3 IF exposed or concerned: Get medical ad- vice/ attention.
		P391	Collect spillage.
		Storage:	
		P405	Store locked up.
		Disposal: P501	Dispose of contents/container in accordance with local regulation.

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 	>= 40 - < 60
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	>= 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 Repr. 1B; H360F	>= 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.
Country IE 000000051374	

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	Wash off with soap and plenty of water. If symptoms persist, call a physician.	
In case of eye contact :	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.	
If swallowed :	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 unconscious	s person.
4.2 Most important symptoms and e	affects, both acute and delayed	
Symptoms :	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information on and symptoms.	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 med	dical attention and special treatment needed	
Treatment :	Treat symptomatically.	
SECTION 5: Firefighting measur	es	
5.1 Extinguishing media		
Suitable extinguishing media :	In case of fire, use water/water spray/water jet/ca ide/sand/foam/alcohol resistant foam/chemical p 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 dra courses.	ins 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 breat	hing apparatus.
Further information	:	Collect contaminated fire extinguishing water must not be discharged into drains. Fire residues and contaminated fire extinguis be disposed of in accordance with local regul	hing 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 hygie 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	Store in original container. Keep container tightl dry and well-ventilated place. Containers which must be carefully resealed and kept upright to p age. Observe label precautions. Store in accord local regulations.	are opened revent leak-
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 puse.	prior to any

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

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		es with side-shields conforming to EN166 ottle with pure water
Hand protection	proved stand chemical pro facturer spec Suitable for s Butyl rubber Contaminate Suitable for p Viton gloves	short time use or protection against splashes: /nitrile rubber gloves (> 0,1 mm) ed gloves should be removed. permanent exposure:



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Skin and body protection	: Protective clothing (e.g. Safety shoes acc. long-sleeved working clothing, long trouse and protective boots are additionaly recon and stirring work.	ers). Rubber aprons
Respiratory protection	: No special measures required.	
Environmental exposure cor General advice	trols : Do not flush into surface water or sanitary If the product contaminates rivers and lake	
	respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour		liquid white
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	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

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	Concentration: 100 %	
Viscosity Viscosity, kinematic	> 20,5 mm2/s (40 °C)	
Solubility(ies) Water solubility	soluble	
Partition coefficient: n- octanol/water	No data available	
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.

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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

10.5 Incompatible materials

Materials to avoid	:	No data available
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10.6 Hazardous decomposition products



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No hazardous decomposition products are known.

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:

L

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

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
, loato orar toxiony	•	

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

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.



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11.2 Information on other hazards

Endocrine disrupting properties

Not classified due to lack of data.

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

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

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

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		very persistent and very bioaccumulativ 0.1% or higher	e (vPvB) at levels of
12.6 Endocrine disrupting prop	ertie	S	
Product:			
Assessment	:	The substance/mixture does not contain ered to have endocrine disrupting prope REACH Article 57(f) or Commission Del (EU) 2017/2100 or Commission Regular levels of 0.1% or higher.	erties according to legated regulation
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	An environmental hazard cannot be exc unprofessional handling or disposal. Toxic to aquatic life with long lasting effe	

SECTION 13: Disposal considerations

13.1	Waste	treatment	methods

Product	v E V E E E E E E E E E E	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 ocal authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
European Waste Catalogue		08 01 11* waste paint and varnish containing organic sol- vents or other dangerous substances
Contaminated packaging		15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1 UN	number	or ID	number
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: UN 3082

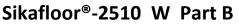
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IMDG	: UN	V 3082		
ΙΑΤΑ	: UN	N 3082		
14.2 UN proper shipping name				
ADR	N.(IVIRONMENTALLY HAZARDOUS S O.S. poxy resin)	SUBSTANCE, LIQUID,	
IMDG	N.(ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)		
ΙΑΤΑ		Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)		
14.3 Transport hazard class(es)				
	Cla	ass Subsidiary risks	i	
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 : (-) : Tra		provision 375	
IMDG Packing group Labels EmS Code Remarks		A, S-F ansport in accordance with 2.10.2.7	of the IMDG-Code	
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels Remarks			egulation A 197	
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ)	: 96 : Y9			

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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) : 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 folthe market and use of certain dangerous substances, lowing entries should be considered: mixtures and articles (Annex XVII) Number on list 3 Number on list 30: oxirane, mono[(C12-14-alkyloxy)methyl] derivs. Number on list 75 REACH - Candidate List of Substances of Very High : None of the components are listed Concern for Authorisation (Article 59). (=> 0.1 %).

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REACH - List of substances subj (Annex XIV)	ect to authorisation	: Not applicable	
Regulation (EU) No 2024/590 on plete the ozone layer	substances that de-	: Not applicable	
Regulation (EU) 2019/1021 on potential tants (recast)	ersistent organic pollu-	: Not applicable	
Regulation (EU) No 649/2012 of ment and the Council concerning of dangerous chemicals		: Not applicable	
Seveso III: Directive 2012/18/EU jor-accident hazards involving da E2			ncil on the control of ma-
Volatile organic compounds :	Law on the incentive tax for volatile organic compounds (VOCV) no VOC duties		
	Directive 2010/75/EU livestock rearing emiss and control) Not applicable		
If other regulatory information ap Sheet, then it is described in this		provided elsewhere	in the Safety Data
Health, safety and environ- mental regulation/legislation specific for the substance or mixture:	Environmental Protect Health and Safety at V Control of Substances (COSHH) May be subject to the Regulations (COMAH)	Vork Act 1974 & Sul Hazardous to Healt Control of Major Acc	osidiary Regulations h Regulations

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-Statement	S	
H315	: Causes skin irritation.	
Country IE 000000051374		14 / 16

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H317	: May cause an a	lergic skin reaction.		
H319	: Causes serious			
H360F	: May damage fer			
H411	: Toxic to aquatic	life with long lasting effects.		
Full text of other abbreviation	ons			
Aquatic Chronic	: Long-term (chro	nic) aquatic hazard		
Eye Irrit.	: Eye irritation	<i>,</i>		
Repr.	: Reproductive to:	kicity		
Skin Irrit.	: Skin irritation			
Skin Sens.	: Skin sensitisatio	n		
ADR	: European Agree	ment concerning the Interna	ational Carriage of	
	Dangerous Goo		0	
CAS	: Chemical Abstra			
DNEL		Derived no-effect level		
EC50	: Half maximal eff	ective concentration		
GHS		Globally Harmonized System		
ΙΑΤΑ		International Air Transport Association		
IMDG		International Maritime Code for Dangerous Goods		
LD50		sis (the amount of a materia		
		ses the death of 50% (one h		
	test animals)	Ŷ	, 3 1	
LC50	· · · · ·	ncentration (concentrations	of the chemical in	
		of the test animals during th		
	period)	5		
MARPOL		nvention for the Prevention of	of Pollution from	
		nodified by the Protocol of 1		
OEL		Occupational Exposure Limit		
PBT		Persistent, bioaccumulative and toxic		
PNEC		Predicted no effect concentration		
REACH	: Regulation (EC)	Regulation (EC) No 1907/2006 of the European Parliament		
		cil of 18 December 2006 co		
		tion, Authorisation and Rest		
	cals (REACH), e	stablishing a European Che	emicals Agency	
SVHC		ery High Concern	0	
vPvB		and very bioaccumulative		
Further information				
Classification of the mixture):	Classification pro	cedure:	
Skin Irrit. 2	H315	Calculation method		
Eye Irrit. 2	H319	Calculation method	l	
Skin Sens. 1	H317	Calculation method	l	

Calculation method

Aquatic Chronic 2

H360F

H411

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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 !

IE / EN