

Date of last issue: 31.01.2024	Version 3.0	Print Date 11.03.2025
Revision Date: 11.03.2025		

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

1.1 Product identifier

Trade name : Sikafloor®-1590/2650 Part A substrate

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 Limited
		Watchmead Welwyn Garden City
		Hertfordshire. AL7 1BQ
Telephone	:	+44 (0)1707 394444
Telefax	:	+44 (0)1707 329129
E-mail address of person	:	EHS@uk.sika.com
responsible for the SDS		

1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

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.						
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)



Date of last issue: 31.01.2024 Revision Date: 11.03.2025 Version 3.0

Print Date 11.03.2025

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	Contain 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 + P31	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 Reaction mass of isomers of epoxy resin BFDGE oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

2.3 Other hazards

This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

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.



Date of last issue: 31.01.2024 Revision Date: 11.03.2025 Version 3.0

Print Date 11.03.2025

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 %	>= 25 - < 40
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
bis(isopropyl)naphthalene	38640-62-9 254-052-6 01-2119565150-48- XXXX	Asp. Tox. 1; H304 Aquatic Chronic 1; H410	>= 1 - < 2,5

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.



Date of last issue: 31.01.2024 Revision Date: 11.03.2025		Version 3.0	Print Date 11.03.202
In case of skin contact	:	Take off contaminated clothing and shoes 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 wat Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist	
If swallowed	:	Do not induce vomiting without medical ad Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an uncon	
4.2 Most important symptoms a	and e	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. May damage fertility.	
		irritant effects sensitising effects toxic effects for reproduction	
4.3 Indication of any immediate	me	dical attention and special treatment need	ded
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting mea	asur	es	
5.1 Extinguishing media			
Suitable extinguishing media	ı :	In case of fire, use water/water spray/wate ide/sand/foam/alcohol resistant foam/chemextinction.	
5.2 Special hazards arising fror	n the	e substance or mixture	
5.2 Special hazards arising fror Specific hazards during fire- fighting	n the :	e substance or mixture Do not allow run-off from fire fighting to ent courses.	er drains or water



Date of last issue: 31.01.2024 Revision Date: 11.03.2025	Version 3.0	Print Date 11.03.2025

ucts

5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

	ve equipment and emergency procedures 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 conta	ainment 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

exposed to this product.	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. Pregnant women or women of child-bearing age should not be



Date of last issue: 31.01.2024 Revision Date: 11.03.2025		Version 3.0	Print Date 11.03.2025
		Follow standard hygiene measures when handlin products	g chemical
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	Handle in accordance with good industrial hygien practice. When using do not eat or drink. When u smoke. Wash hands before breaks and at the en-	sing do not
7.2 Conditions for safe storage, including any incompatibilities			
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ve place. Containers which are opened must be care sealed and kept upright to prevent leakage. Store ance with local regulations.	efully re-
Further information on stor- age stability	:	No decomposition if stored and applied as directed	ed.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data Sheet pr use.	ior 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	: 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 man 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: 	



Date of last issue: 31.01.2024 Revision Date: 11.03.2025	Version 3.0	Print Date 11.03.2025
	Viton gloves (0.4 mm), breakthrough time >30 min.	
Skin and body protection :	Protective clothing (e.g. Safety shoes acc. to E long-sleeved working clothing, long trousers). and protective boots are additionaly recommen- and stirring work.	Rubber aprons
Respiratory protection :	No special measures required.	
Environmental exposure contr	ols	
General advice :	Do not flush into surface water or sanitary sew If the product contaminates rivers and lakes or respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	:	liquid viscous liquid colourless
Odour	:	epoxy-like
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	exp	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



Date of last issue: 31.01.2024 Revision Date: 11.03.2025		Version 3.0	Print Date 11.03.2025
Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture is non-soluble (in water)	
Viscosity			
Viscosity, dynamic	:	ca. 3.470 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. 1,49 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



Date of last issue: 31.01.2024 Revision Date: 11.03.2025	Version 3.0	Print Date 11.03.202
Conditions to avoid	: No data available	
10.5 Incompatible materials		
Materials to avoid	: No data available	
10.6 Hazardous decompositior	products	
	: No hazardous decomposition products are	e known.
SECTION 11: Toxicological	information	
11.1 Information on hazard cla	sses as defined in Regulation (EC) No 1272/20	08
Acute toxicity Not classified due to lack of	data.	
Components:		
bis-[4-(2,3-epoxipropoxi)p	nenyl]propane:	
Acute oral toxicity	: LD50 Oral (Rat): > 5.000 mg/kg	
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 5.000 mg/kg	
oxirane, mono[(C12-14-all	yloxy)methyl] derivs.:	
Acute oral toxicity	: LD50 Oral (Rat): > 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	
Skin corrosion/irritation		
Causes skin irritation.		
Serious eye damage/eye i	ritation	

Causes serious eye irritation.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.



Sikafloor[®]-1590/2650 Part A substrate

Date of last issue: 31.01.2024 Revision Date: 11.03.2025	Version 3.0	Print Date 11.03.2025
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		
11.2 Information on other hazards		
Endocrine disrupting propertien Not classified due to lack of data		
Product:		
Assessment :	The substance/mixture does not contain ered to have endocrine disrupting proper REACH Article 57(f) or Commission Del (EU) 2017/2100 or Commission Regular levels of 0.1% or higher.	erties according to legated regulation

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



Date of last issue: 31.01.2024 Revision Date: 11.03.2025		Version 3.0	Print Date 11.03.202
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 degradabi No data available	lity		
12.3 Bioaccumulative potential No data available			
12.4 Mobility in soil No data available			
12.5 Results of PBT and vPvB a	sse	ssment	
Product:			
Assessment	:	This substance/mixture contains components of be either persistent, bioaccumulative and toxic persistent and very bioaccumulative (vPvB)	
Components:			
bis(isopropyl)naphthalene:			
Assessment	:	vPvB substance	
12.6 Endocrine disrupting prope	ertie	es	
Product:			
Assessment	:	The substance/mixture does not contain component of the substance/mixture does not contain component of the substance of the	ccording to I regulation
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	An environmental hazard cannot be excluded i unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.	n the event of

SECTION 13: Disposal considerations

13.1 Waste treatment methods		
Product	:	The generation of waste should be avoided or minimized
		wherever possible.



Date of last issue: 31.01.2024 Revision Date: 11.03.2025		Version 3.0	Print Date 11.03.2025	
		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.		
European Waste Catalogue	:	08 01 11* waste paint and varnish containing vents or other dangerous substances	organic sol-	
Contaminated packaging	:	15 01 10* packaging containing residues of o by dangerous substances	r 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	:	ENVIRONMENTALL N.O.S. (epoxy resin)	Y HAZARDOUS SUBSTANCE, LIQUID,	
IMDG	:	ENVIRONMENTALL 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		
14.4 Packing group				
ADR				



Date of last issue: 31.01.2024 Revision Date: 11.03.2025	Version 3.0	Print Date 11.03.2025
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 IMDG Marine pollutant	: yes : yes	
IATA (Passenger)		

IATA (Cargo)

Environmentally hazardous : yes

14.6 Special precautions for user

Environmentally hazardous

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 Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Not applicable

yes



Sikafloor[®]-1590/2650 Part A substrate

Date of last issue: 31.01.2024 Revision Date: 11.03.2025	Version 3	3.0		Print Date 11.03.2025
UK REACH Candidate list of subsconcern (SVHC) for Authorisation		:	Not applicable	
The Persistent Organic Pollutants Regulation (EU) 2019/1021 as an ain)		:	Not applicable	
International Chemical Weapons Schedules of Toxic Chemicals an		:	Not applicable	
Regulation (EU) No 2024/590 on plete the ozone layer	substances that de-	:	Not applicable	
UK REACH List of substances su (Annex XIV)	bject to authorisation	:	Not applicable	
GB Export and import of hazardoo Informed Consent (PIC) Regulation		:	Not applicable	
Control of Major Accident Hazard 2015 (COMAH)	s Regulations E2	EN	VIRONMENTAL HAZA	RDS
Volatile organic compounds :	(VOCV)		or volatile organic comp ds (VOC) content: <= 3	
	livestock rearing emise and control)	sion	4 November 2010 on ir s (integrated pollution p ds (VOC) content: 1,3%	prevention

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environ-	 Environmental Protection Act 1990 & Subsidiary Regulations
mental regulation/legislation	Health and Safety at Work Act 1974 & Subsidiary Regulations
specific for the substance or	Control of Substances Hazardous to Health Regulations
mixture:	(COSHH) May be subject to the Control of Major Accident Hazards
	Regulations (COMAH), and amendments.

Other regulations:



Date of last issue: 31.01.2024	Version 3.0	Print Date 11.03.2025
Revision Date: 11.03.2025		

relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

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.
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
		Dangerous Goods by Road
CAS	:	Chemical Abstracts Service
DNEL	:	Derived no-effect level
EC50	:	Half maximal effective concentration
GHS	:	Globally Harmonized System
IATA	:	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-

H360F

H411



Sikafloor®-1590/2650 Part A substrate

Date of last issue: 31.01.2024 Revision Date: 11.03.2025	Version 3.0)	Print Date 11.03.2025
SVHC : vPvB : Further information	 istration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency Substances of Very High Concern Very persistent and very bioaccumulative 		
Classification of the mixture:		Classification procedu	re:
Skin Irrit. 2 H3	315	Calculation method	
Eye Irrit. 2 H3	319	Calculation method	
Skin Sens. 1 H3	317	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 !

GB / EN

Repr. 1B

Aquatic Chronic 2