

Date of last issue: 21.12.2022	Version 3.1	Print Date 29.02.2024
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Sikafloor[®]-2640 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 Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ
Telephone Telefax	:	+44 (0)1707 394444 +44 (0)1707 329129
E-mail address of person responsible for the SDS	:	EHS@uk.sika.com

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 12 Acute toxicity, Category 4	72/2008) H302: Harmful if swallowed.
Skin corrosion, Sub-category 1A	H314: Causes severe skin burns and eye damage.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard, Cat- egory 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH



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Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H314 H317 H412	Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting ef- fects.
Precautionary statements	:	P273 P280	Avoid breathing mist or vapours. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		P304 + P340 + P3 P305 + P351 + P3	ately all contaminated clothing. Rinse skin with water. 310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Im- mediately call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

1,3-Cyclohexanedimethanamine N-benzylethylenediamine

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.	Classification	Concentration (% w/w)
1,3-Cyclohexanedimethanamine	Registration number 2579-20-6 219-941-5 01-2119543741-41- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1A; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H412 Acute toxicity esti- mate Acute oral toxicity: 780 mg/kg Acute dermal toxicity: 1.700 mg/kg	>= 40 - < 60
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319 Acute toxicity esti- mate Acute oral toxicity: 1.620 mg/kg Acute inhalation tox- icity (dust/mist): 4,178 mg/l	>= 10 - < 20
N-benzylethylenediamine	4152-09-4 223-984-5 01-2120822346-58- XXXX	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Chronic 3; H412 Acute toxicity esti- mate Acute oral toxicity: 300,03 mg/kg	>= 10 - < 20

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For explanation of abbreviations see section 16.



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SECTION 4: First aid measures

4.1 Description of first aid measure	es
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. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficul- ty.
In case of eye contact :	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.
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 person.
4.2 Most important symptoms and	effects, both acute and delayed
Symptoms :	Gastrointestinal discomfort Allergic reactions Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks :	Health injuries may be delayed. corrosive effects sensitising effects
	Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye damage. Causes severe burns.
-	edical attention and special treatment needed
Treatment :	Treat symptomatically.



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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	
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 breathin	ng apparatus.
Further information	:	Standard procedure for chemical fires.	
		Line personal protective equipment	
Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.	
Personal precautions	:		
Personal precautions	:		
Personal precautions 6.2 Environmental precautions Environmental precautions	:	Deny access to unprotected persons. Do not flush into surface water or sanitary sewe If the product contaminates rivers and lakes or respective authorities.	
Personal precautions 6.2 Environmental precautions Environmental precautions	:	Deny access to unprotected persons. Do not flush into surface water or sanitary sewe If the product contaminates rivers and lakes or respective authorities.	drains inform d, silica gel,
Personal precautions 6.2 Environmental precautions Environmental precautions 6.3 Methods and material for cor Methods for cleaning up	: :	Deny access to unprotected persons. Do not flush into surface water or sanitary sewe If the product contaminates rivers and lakes or respective authorities. nment and cleaning up Soak up with inert absorbent material (e.g. san acid binder, universal binder, sawdust).	drains inform d, silica gel,
Personal precautions 6.2 Environmental precautions Environmental precautions 6.3 Methods and material for cor Methods for cleaning up	i i i	Deny access to unprotected persons. Do not flush into surface water or sanitary sewe If the product contaminates rivers and lakes or respective authorities. nment and cleaning up Soak up with inert absorbent material (e.g. san acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal	drains inform d, silica gel,
Personal precautions 6.2 Environmental precautions Environmental precautions 6.3 Methods and material for cor Methods for cleaning up 6.4 Reference to other sections For personal protection see se	: : ecti	Deny access to unprotected persons. Do not flush into surface water or sanitary sewe If the product contaminates rivers and lakes or respective authorities. nment and cleaning up Soak up with inert absorbent material (e.g. san acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal on 8.	drains inform d, silica gel,
 6.2 Environmental precautions Environmental precautions 6.3 Methods and material for con Methods for cleaning up 6.4 Reference to other sections 	ectionera	Deny access to unprotected persons. Do not flush into surface water or sanitary sewe If the product contaminates rivers and lakes or respective authorities. nment and cleaning up Soak up with inert absorbent material (e.g. san acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal on 8.	drains inform d, silica gel,



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		Persons with a history of skin sensitisation pro- ma, allergies, chronic or recurrent respiratory not be employed in any process in which this used. Smoking, eating and drinking should be prohi plication area. Follow standard hygiene measures when han products	disease should mixture is being bited in the ap-
Advice on protection against fire and explosion	:	Normal measures for preventive fire protectio	n.
Hygiene measures	:	Handle in accordance with good industrial hyperactice. When using do not eat or drink. When smoke. Wash hands before breaks and at the	en 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. Containers which are opened must be sealed and kept upright to prevent leakage. S ance with local regulations.	carefully re-
Further information on stor- age stability	:	No decomposition if stored and applied as dir	ected.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data Shee use.	et prior to any

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

	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
	Wear eye/face protection.

Hand protection	: Chemical-resistant, impervious gloves complying with an ap-
Country GB 10000034383	6/1



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	proved standard must be worn at all time chemical products. Reference number E facturer specifications. Suitable for short time use or protection a Butyl rubber/nitrile rubber gloves (> 0,1 r Contaminated gloves should be removed Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	N 374. Follow manu- against splashes: nm)
Skin and body protection	 Protective clothing (e.g. Safety shoes ac long-sleeved working clothing, long trous and protective boots are additionaly reco and stirring work. 	sers). Rubber aprons
Respiratory protection	: No special measures required.	
Environmental exposure cor	trols	
General advice	: Do not flush into surface water or sanitar If the product contaminates rivers and la respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

normation on basic physical	un	a onennoar propertie
Physical state	:	liquid
Appearance	:	viscous liquid
Colour	:	colourless
Odour	:	amine-like
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 e	exp	losive limits
Upper explosion limit / Up- per flammability limit	:	No data available
Lower explosion limit /	:	No data available



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Lower flammability limit		
Flash point	: > 101 °C Method: closed cup	
Auto-ignition temperature	: No data available	
	No data available	
Decomposition temperature	: No data available	
рН	: ca. 11 Concentration: 50 %	
Viscosity		
Viscosity, dynamic	: ca. 20 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	: 23 hPa	
	23 hPa	
Density	: ca. 0,98 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
9 2 Other information		

9.2 Other information

No data available



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SECTION 10: Stability and rea	ctivity	
10.1 Reactivity	under conditions of normal use.	
10.2 Chemical stability The product is chemically stab		
10.3 Possibility of hazardous rea	tions	
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	
10.6 Hazardous decomposition p	oducts	
No decomposition if stored an	applied as directed.	

SECTION 11: Toxicological information

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

Acute toxicity

Harmful if swallowed.

Components:

1,3-Cyclohexanedimethanamine:						
Acute oral toxicity	:	LD50 Oral (Rat): 780 mg/kg				
		Acute toxicity estimate: 780 mg/kg Method: Calculation method				
Acute dermal toxicity	:	LD50 Dermal (Rat): 1.700 mg/kg				
		Acute toxicity estimate: 1.700 mg/kg Method: Calculation method				

benzyl alcohol:		
Acute oral toxicity	:	LD50 Oral (Rat): 1.620 mg/kg
		Acute toxicity estimate: 1.620 mg/kg Method: Calculation method



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Acute inhalation toxicity	: LC50 (Rat): > 4,178 mg/l Exposure time: 4 h Test atmosphere: dust/mist	
	Acute toxicity estimate: 4,178 mg/l Test atmosphere: dust/mist Method: Calculation method	
N-benzylethylenediamine:		
Acute oral toxicity	: LD50 Oral (Rat): > 300 - < 2.000 mg/kg	
	Acute toxicity estimate: 300,03 mg/kg Method: Calculation method	
Skin corrosion/irritation Causes severe burns.		
Serious eye damage/eye ir Causes serious eye damage	itation	
Respiratory or skin sensiti		
Skin sensitisation May cause an allergic skin re	action.	
Respiratory sensitisation Not classified based on avail	uble information.	
Germ cell mutagenicity Not classified based on avail	uble information.	
Carcinogenicity Not classified based on avail	uble information.	
Reproductive toxicity Not classified based on avail	uble information.	
STOT - single exposure Not classified based on avail	uble information.	
STOT - repeated exposure Not classified based on avail	uble information.	
Aspiration toxicity		
Not classified based on avail		
11.2 Information on other haza	ls	
Endocrine disrupting prop	rties	
Product: Assessment	: The substance/mixture does not contain com ered to have endocrine disrupting properties	



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		REACH Article 57(f) or Commission Delega (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	
SECTION 12: Ecological inforr	na	tion	
12.1 Toxicity			
Components:			
benzyl alcohol:			
Toxicity to fish	:	LC50 (Fish): > 100 mg/l Exposure time: 96 h	
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 Exposure time: 48 h	mg/l
N-benzylethylenediamine:			
Toxicity to fish	:	LC50 (Fish): > 100 mg/l Exposure time: 96 h	
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (calculated) (Daphnia magna (Water f mg/l Exposure time: 48 h	flea)): 10 - 100
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green a mg/l Exposure time: 72 h	lgae)): 10 - 100
12.2 Persistence and degradabilit No data available	ty		
12.3 Bioaccumulative potential No data available			
12.4 Mobility in soil No data available			
12.5 Results of PBT and vPvB as	se	ssment	
Product:			
Assessment	:	This substance/mixture contains no compor	nents considered

0.1% or higher..

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of



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ties	
 The substance/mixture does not contain ered to have endocrine disrupting prope REACH Article 57(f) or Commission Del (EU) 2017/2100 or Commission Regulat levels of 0.1% or higher. 	rties according to egated regulation
: An environmental hazard cannot be exc unprofessional handling or disposal. Harmful to aquatic life with long lasting e	
	 ered to have endocrine disrupting prope REACH Article 57(f) or Commission Del (EU) 2017/2100 or Commission Regulat levels of 0.1% or higher. : An environmental hazard cannot be exc unprofessional handling or disposal.

13.1 Waste treatment methods

J.			
	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.
	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 contaminated by dangerous substances

SECTION 14: Transport information

14.1 UN number or ID number

ADR	:	UN 2735
IMDG	:	UN 2735
ΙΑΤΑ	:	UN 2735



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14.2 UN proper shipping name			
ADR	:	AMINES, LIQUID, CORROSIVE, N.O (1,3-Cyclohexanedimethanamine, N-b	
IMDG	:	AMINES, LIQUID, CORROSIVE, N.O (1,3-Cyclohexanedimethanamine, N-b	
ΙΑΤΑ	:	Amines, liquid, corrosive, n.o.s. (1,3-Cyclohexanedimethanamine, N-b	penzylethylenediamine)
14.3 Transport hazard class(es)			
		Class Subsidiary risks	S
ADR	:	8	
IMDG	:	8	
ΙΑΤΑ	:	8	
14.4 Packing group			
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	:	l C7 88 8 (E)	
IMDG Packing group Labels EmS Code	:	l 8 F-A, S-B	
IATA (Cargo) Packing instruction (cargo aircraft) Packing group Labels	:	854 I Corrosive	
IATA (Passenger) Packing instruction (passen- ger aircraft)	:	850	
Packing group Labels	:	l Corrosive	
14.5 Environmental hazards			
ADR Environmentally hazardous	:	no	
IMDG Marine pollutant	:	no	
IATA (Passenger) Environmentally hazardous	:	no	
IATA (Cargo)			



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Environmentally hazardous : no

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 Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	: Not applicable				
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	: Not applicable				
The Persistent Organic Pollutants Regulations (retain Regulation (EU) 2019/1021 as amended for Great Br ain)					
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	: Not applicable				
Regulation (EC) No 1005/2009 on substances that de plete the ozone layer	e- : Not applicable				
UK REACH List of substances subject to authorisatio (Annex XIV)	n : Not applicable				
GB Export and import of hazardous chemicals - Prior : Not applicable Informed Consent (PIC) Regulation					
Control of Major Accident Hazards Regulations 2015 (COMAH)	Not applicable				
Volatile organic compounds : Law on the incenti (VOCV)					
Directive 2010/75/EU of 24 November 2010 on industria					



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	emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 19,5% w/w					
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- mental regulation/legislation specific for the substance or mixture:	: Environmental Protection Act 1990 & Se Health and Safety at Work Act 1974 & Se Control of Substances Hazardous to He (COSHH)	Subsidiary Regulations ealth Regulations				

May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

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

Full text of H-Statements				
H302	:	Harmful if swallowed.		
H312	:	Harmful in contact with skin.		
H314	:	Causes severe skin burns and eye damage.		
H317	:	May cause an allergic skin reaction.		
H318	:	Causes serious eye damage.		
H319	:	Causes serious eye irritation.		
H332	:	Harmful if inhaled.		
H412	:	Harmful to aquatic life with long lasting effects.		
Full text of other abbreviations				
Acute Tox.	:	Acute toxicity		
Aquatic Chronic	:	Long-term (chronic) aquatic hazard		
Eye Dam.	:	Serious eye damage		
Eye Irrit.	:	Eye irritation		
Skin Corr.	:	Skin corrosion		
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		



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MARPOL	period) : International Convention	for the Prevention of Pc	ollution from	
OEL	Ships, 1973 as modified : Occupational Exposure L			
PBT	: Persistent, bioaccumulat			
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 procedu	ıre:	
Acute Tox. 4	H302	Calculation method		
Skin Corr. 1A	H314	Calculation method		
Eye Dam. 1	H318	Calculation method		
Skin Sens. 1	H317	Calculation method		
Aquatic Chronic 3	H412	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