

Date of last issue: 21.12.2022	Version 6.3	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 : Sikadur<sup>®</sup>-330 Part A

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

Product use : Adhesive

### 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 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	72/2008)
Skin irritation, Category 2	H315: Causes skin irritation.
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 2	H411: Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Danger

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Hazard statements :	H315 H317 H318 H411	Causes skin irritation. May cause an allergic skin reacti Causes serious eye damage. Toxic to aquatic life with long las	
Precautionary statements :	<b>Prevention:</b> P261 P264 P273 P280	Avoid breathing mist or vapours. Wash skin thoroughly after hand Avoid release to the environmen Wear protective gloves/ eye prot protection.	ling. t.
	<b>Response:</b> P305 + P351 + F P391	P338 + P310 IF IN EYES: Rinse with water for several minutes. R tact lenses, if present and easy t tinue rinsing. Immediately call a CENTER/ doctor. Collect spillage.	emove con- o do. Con-

### Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxi)phenyl]propane 1,4-bis(2,3 epoxypropoxy)butane

### 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 $\longrightarrow$ specific concentration limit Eye Irrit. 2; H319 >= 5 % Skin Irrit. 2; H315 >= 5 %	>= 40 - < 60
1,4-bis(2,3 epoxypropoxy)butane	2425-79-8 219-371-7 01-2119494060-45- XXXX	Aquatic Chronic 3; H412 Acute Tox. 4; H302 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Dam. 1; H318 Acute toxicity esti- mate Acute oral toxicity: 1.163 mg/kg	>= 10 - < 20
Solvent naphtha (petroleum), heavy arom. Contains:	Not Assigned 922-153-0 01-2119451097-39-	Asp. Tox. 1; H304	>= 2,5 - < 5
naphthalene <= 1 %	XXXX		

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.



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If inhaled	:	Move to fresh air. Consult a physician after significant exp	oosure.
In case of skin contact	:	Take off contaminated clothing and sho Wash off with soap and plenty of water. If symptoms persist, call a physician.	
In case of eye contact	:	Small amounts splashed into eyes can sue damage and blindness. In the case of contact with eyes, rinse in of water and seek medical advice. Continue rinsing eyes during transport to Remove contact lenses. Keep eye wide open while rinsing.	mmediately with plenty
If swallowed	:	Do not induce vomiting without medical Rinse mouth with water. Do not give milk or alcoholic beverages Never give anything by mouth to an unc	
4.2 Most important symptoms	and	effects, both acute and delayed	
Symptoms	:	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed inform and symptoms.	nation on health effects
Risks	:	irritant effects sensitising effects	
		Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.	
1.3 Indication of any immediat	e me	dical attention and special treatment n	eeded
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting me	asur	es	
5.1 Extinguishing media			
Suitable extinguishing medi	a :	In case of fire, use water/water spray/w ide/sand/foam/alcohol resistant foam/ch extinction.	
5.2 Special bazards arising fro	m the	e substance or mixture	
5.2 Special hazarus arising iro			



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fighting	courses.	
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	Collect contaminated fire extinguishing water s must not be discharged into drains. Fire residues and contaminated fire extinguishi be disposed of in accordance with local regulat	ng water must

## **SECTION 6: Accidental release measures**

6.1 Personal precautions, protectiv	ve 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 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

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-



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	plication area. Follow standard hygiene measures when hand products	ling chemical
Advice on protection against : fire and explosion	Normal measures for preventive fire protection	
Hygiene measures :	Handle in accordance with good industrial hygi practice. When using do not eat or drink. Wher smoke. Wash hands before breaks and at the	n using do not
7.2 Conditions for safe storage, inc	luding any incompatibilities	
Requirements for storage : areas and containers	Keep container tightly closed in a dry and well- place. Store in accordance with local regulation	
Further information on stor- : age stability	No decomposition if stored and applied as dire	cted.
7.3 Specific end use(s)		
Specific use(s) :	Consult most current local Product Data Sheet use.	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
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.
		Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure:



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	Viton gloves (0. breakthrough tir		
Skin and body protection	long-sleeved wo	ing (e.g. Safety shoes acc orking clothing, long trouse poots are additionaly recor k.	ers). Rubber aprons
Respiratory protection	No special mea	sures required.	
Environmental exposure cor	ls		
General advice		o surface water or sanitary ontaminates rivers and lak orities.	

## **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	:	liquid paste white
Odour	:	epoxy-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	-	
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	> 101 °C Method: closed cup
Auto-ignition temperature	:	No data available



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Decomposition temperature	:	No data available	
рН	:	ca. 7 Concentration: 500 g/l 50 %	
Viscosity			
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies)			
Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	ca. 1 hPa (20 °C)	
Density	:	ca. 1,35 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



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10.5 Incompatible materials			
Materials to avoid	: No	data available	
10.6 Hazardous decomposition	n products	5	
No decomposition if stored	and applied	d as directed.	
SECTION 11: Toxicological	informati	ion	
11.1 Information on hazard cla	isses as d	efined in Regulation (EC) No 127	2/2008
Acute toxicity			
Not classified based on ava	ilable infor	mation.	
<u>Components:</u>			
bis-[4-(2,3-epoxipropoxi)p			
Acute oral toxicity	: LD5	50 Oral (Rat): > 5.000 mg/kg	
Acute dermal toxicity	: LD5	50 Dermal (Rabbit): > 5.000 mg/kg	
1,4-bis(2,3 epoxypropoxy)	)butane:		
Acute oral toxicity	: LD5	50 Oral (Rat): 1.163 mg/kg	
		te toxicity estimate: 1.163 mg/kg hod: Calculation method	
Solvent naphtha (petroleu	ım), heavy	arom.:	
Acute oral toxicity	: LD5	50 Oral (Rat): > 5.000 mg/kg	
Acute inhalation toxicity		50 (Rat): > 4,7 mg/l	
		osure time: 4 h t atmosphere: dust/mist	
	Ass	essment: The substance or mixture toxicity	e has no acute inhala-
Skin corrosion/irritation			
Causes skin irritation.			
Serious eye damage/eye i Causes serious eye damag			
Respiratory or skin sensit	tisation		
Skin sensitisation	reaction		
May cause an allergic skin i	reaction.		
Respiratory sensitisation			

Not classified based on available information.



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Germ cell mutagenicity Not classified based on available	information.					
<b>Carcinogenicity</b> Not classified based on available	information.					
<b>Reproductive toxicity</b> Not classified based on available	information.					
STOT - single exposure Not classified based on available	<b>STOT - single exposure</b> Not classified based on available information.					
STOT - repeated exposure Not classified based on available	<b>STOT - repeated exposure</b> Not classified based on available information.					
Aspiration toxicity Not classified based on available information.						
11.2 Information on other hazards						
Endocrine disrupting propertie	Endocrine disrupting properties					
Product: Assessment :	The substance/mixture does not contain ered to have endocrine disrupting proper REACH Article 57(f) or Commission Dele (EU) 2017/2100 or Commission Regulat levels of 0.1% or higher.	rties according to egated 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

### Solvent naphtha (petroleum), heavy arom .:

Toxicity to daphnia and other	:	EC50: 1,1 mg/l
aquatic invertebrates (Chron-		Exposure time: 48 h
ic toxicity)		Species: Daphnia magna (Water flea)

### 12.2 Persistence and degradability

No data available



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12.3 Bioaccumulative potential			
No data available			
12.4 Mobility in soil			
No data available			
12.5 Results of PBT and vPvB as	sses	ssment	
Product:			
Assessment	:	This substance/mixture contains no compone to be either persistent, bioaccumulative and to very persistent and very bioaccumulative (vPv 0.1% or higher	oxic (PBT), or
12.6 Endocrine disrupting prope	rtie	S	
Product:			
Assessment	:	The substance/mixture does not contain compered to have endocrine disrupting properties a REACH Article 57(f) or Commission Delegate (EU) 2017/2100 or Commission Regulation (E levels of 0.1% or higher.	according to d regulation
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	An environmental hazard cannot be excluded unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.	in the event of
SECTION 13: Disposal consid	lera	ations	
13.1 Waste treatment methods			
Product	:	The generation of waste should be avoided o	r 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 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances



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Contaminated packaging		01 10* packaging containing residues dangerous substances	of or contaminated
SECTION 14: Transport inform	nation		
14.1 UN number or ID number			
ADR	: UN	3082	
IMDG	: UN	3082	
ΙΑΤΑ	: UN	3082	
14.2 UN proper shipping name			
ADR	N.C	VIRONMENTALLY HAZARDOUS SU D.S. oxy resin)	BSTANCE, LIQUID,
IMDG	N.C	VIRONMENTALLY HAZARDOUS SU D.S. poxy resin)	BSTANCE, LIQUID,
ΙΑΤΑ		vironmentally hazardous substance, lio oxy resin)	quid, n.o.s.
14.3 Transport hazard class(es)			
	Cla	ss Subsidiary risks	
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	ansport in accordance with special pro	vision 375
<b>IMDG</b> Packing group Labels EmS Code Remarks		A, S-F ansport in accordance with 2.10.2.7 of	the IMDG-Code



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IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels Remarks	:	964 Y964 III Miscellaneous Transport in accordance with special regulation A	A 197			
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels 14.5 Environmental hazards	:	964 Y964 III Miscellaneous				
ADR Environmentally hazardous	:	yes				
IMDG Marine pollutant	:	yes				
IATA (Passenger) Environmentally hazardous	:	yes				
IATA (Cargo) Environmentally hazardous	:	yes				
14.6 Special precautions for user	r					
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
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable



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GB Export and import of hazardous chemicals - Prior : Not applicable Informed Consent (PIC) Regulation				
Control of Major Accident Hazard 2015 (COMAH) Volatile organic compounds :	ds Regulations E2 ENVIRONMENTAL HA Law on the incentive tax for volatile organic co (VOCV) Volatile organic compounds (VOC) content: 0 no VOC duties Directive 2010/75/EU of 24 November 2010 o emissions (integrated pollution prevention and Volatile organic compounds (VOC) content: 0	ompounds % w/w n industrial d control)		
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 & Subsidia Health and Safety at Work Act 1974 & Subsid Control of Substances Hazardous to Health R (COSHH) May be subject to the Control of Major Accide Regulations (COMAH), and amendments.	iary Regulations egulations		

#### 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

H302	:	Harmful if swallowed.			
H304	:	May be fatal if swallowed and enters airways.			
H312	:	Harmful in contact with skin.			
H315	:	Causes skin irritation.			
H317	:	May cause an allergic skin reaction.			
H318	:	Causes serious eye damage.			
H319	:	Causes serious eye irritation.			
H332	:	Harmful if inhaled.			
H411	:	Toxic to aquatic life with long lasting effects.			
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			
Asp. Tox.	:	Aspiration hazard			
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Eye Dam.	Serious eye damage			
Eye Irrit.	Eye irritation			
Skin Irrit.	Skin irritation			
Skin Sens.	Skin sensitisation	ational Carriage of		
ADR	European Agreement concerning the Intern	ational Carnage of		
CAS	Dangerous Goods by Road Chemical Abstracts Service			
DNEL				
EC50	Derived no-effect level			
	Half maximal effective concentration			
GHS IATA	Globally Harmonized System			
IMDG	International Air Transport Association			
LD50	International Maritime Code for Dangerous Goods Median lethal dosis (the amount of a material, given all at			
2030	once, which causes the death of 50% (one test animals)			
LC50	Median lethal concentration (concentrations air that kills 50% of the test animals during 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	<ul> <li>Regulation (EC) No 1907/2006 of the Europ and of the Council of 18 December 2006 cc istration, Evaluation, Authorisation and Res cals (REACH), establishing a European Ch</li> </ul>	ncerning the Reg- triction of Chemi-		
SVHC	Substances of Very High Concern	3		
vPvB	Very persistent and very bioaccumulative			

### **Further information**

Classification of the mixture:		Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	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 !

GB / EN

## SAFETY DATA SHEET According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

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