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

#### **1.1 Product identifier**

Trade name : Sika®Repair/floor® Modul Part A

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

Product use : Special system, Product is not intended for consumer use

#### 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.
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

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Hazard statements :	H315 H317 H319 H411	Causes skin irritation. May cause an allergic skin react Causes serious eye irritation. 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 environmer Wear protective gloves/ eye prot protection.	lling. ht.
	<b>Response:</b> P333 + P313 P391	If skin irritation or rash occurs: G advice/ attention. Collect spillage.	et medical

#### 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	>= 40 - < 60
		specific concentration limit Eye Irrit. 2; H319 >= 5 % Skin Irrit. 2; H315 >= 5 %	
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 docto	or in attendance.
If inhaled	Move to fresh air. Consult a physician after significant exp	osure.
In case of skin contact	Take off contaminated clothing and show 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 v Remove contact lenses. Keep eye wide open while rinsing.	vater.



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		If eye irritation persists, consult a speciali	st.
If swallowed	:	Do not induce vomiting without medical a Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unco	
4.2 Most important symptoms an	d	effects, both acute and delayed	
Symptoms	:	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed informa and symptoms.	tion on 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 n	ne	dical attention and special treatment ne	eded
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/wat ide/sand/foam/alcohol resistant foam/che 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 e courses.	nter drains or water
Hazardous combustion prod- ucts	:	No hazardous combustion products are k	nown
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained b	reathing apparatus.
Further information	:	Collect contaminated fire extinguishing w must not be discharged into drains. Fire residues and contaminated fire extin	



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	be disposed of in accordance with loca	al regulations.
SECTION 6: Accidental rele	ease measures	
6.1 Personal precautions, prot	ective equipment and emergency procedu	res
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.
		respective automices.

#### 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	:	<ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>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.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Follow standard hygiene measures when handling chemical products</li> </ul>
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.



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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-veloce. Containers which are opened must be car sealed and kept upright to prevent leakage. Sto ance with local regulations.	refully re-
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 use.	prior to any

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

•				
Components	CAS-No.	Value type (Form	Control parame-	Basis *
		of exposure)	ters *	

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 : Eve 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. Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, Skin and body protection 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. Country GB 00000020266



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ntro	ls	
:	Do not flush into surface water or sanit If the product contaminates rivers and respective authorities.	
mio	cal properties	
l ar	d chemical properties	
:	liquid white	
:	odourless	
:	No data available	
:	> 100 °C	
:	No data available	
exp	plosive limits	
:	No data available	
:	No data available	
:	> 101 °C Method: closed cup	
:	No data available	
:	No data available	
:	ca. 8 Concentration: 100 %	
:	> 7 mm2/s (40 °C)	
	: mic l ar : : : : : : : : : :	htrols         : Do not flush into surface water or sanit         If the product contaminates rivers and respective authorities.         mical properties         I and chemical properties         : liquid         : white         : odourless         : No data available         : > 100 °C         : No data available         explosive limits         : No data available         : Ca. 8         Concentration: 100 %



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Solubility(ies)		
Water solubility	: soluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 23 hPa	
Density	: ca. 1,05 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

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.



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## **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 : LD50 Dermal (Rabbit): > 5.000 mg/kg

#### 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.



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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:

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

## bis-[4-(2,3-epoxypropoxy)phenyl]methane:

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 bioaccumulative (vPvB) 0.1% or higher	at levels of
12.6 Endocrine disrupting propertie	es	
Product:		
Assessment :	The substance/mixture does not contain componered to have endocrine disrupting properties acc REACH Article 57(f) or Commission Delegated re (EU) 2017/2100 or Commission Regulation (EU) levels of 0.1% or higher.	ording to egulation
12.7 Other adverse effects		
Product: Additional ecological infor- : mation	An environmental hazard cannot be excluded in unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.	the event of

## **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 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 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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ADR	:	UN 3082	
IMDG	÷	UN 3082	
IATA	:	UN 3082	
	•	011 3082	
4.2 UN proper shipping name			
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTANO.S. (epoxy resin)	ANCE, LIQUID,
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBST N.O.S. (epoxy resin)	ANCE, LIQUID,
ΙΑΤΑ	:	Environmentally hazardous substance, liquid, (epoxy resin)	n.o.s.
4.3 Transport hazard class(es)			
		Class Subsidiary risks	
ADR	:	9	
IMDG	:		
IATA	:	9	
4.4 Packing group	•	с -	
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code Remarks	:	III M6 90 9 (-) Transport in accordance with special provision	n 375
IMDG			
Packing group Labels EmS Code Remarks	:	III 9 F-A, S-F Transport in accordance with 2.10.2.7 of the II	MDG-Code
IATA (Cargo) Packing instruction (cargo aircraft)	:	964	
Packing instruction (LQ) Packing group Labels Remarks	:	Y964 III Miscellaneous Transport in accordance with special regulatio	on A 197
IATA (Passenger) Packing instruction (passen-	:	964	



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ger aircraft) Packing instruction (LQ) Packing group Labels		Y964 III Miscellaneous	
14.5 Environmental hazards			
<b>ADR</b> Environmentally hazardous	:	yes	
IMDG Marine pollutant	:	yes	
IATA (Passenger) Environmentally hazardous	:	yes	
IATA (Cargo) Environmentally hazardous	:	yes	
14.6 Special precautions for use			
The transport classification(s)	nrc	wided herein are for informational nurnoses only	and solely based

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 (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	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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UK REACH List of substances subject to authorisation : Not applicable (Annex XIV)					
GB Export and import of hazardous chemicals - Prior : Not applicable Informed Consent (PIC) Regulation					
Control of Major Accident Hazards 2015 (COMAH) Volatile organic compounds :	s Regulations E2 ENVIRONMENTAL HAZ Law on the incentive tax for volatile organic cor (VOCV) no VOC duties Directive 2010/75/EU of 24 November 2010 on emissions (integrated pollution prevention and on Not applicable	npounds industrial			
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	Environmental Protection Act 1990 & Subsidiar Health and Safety at Work Act 1974 & Subsidia Control of Substances Hazardous to Health Re	ry Regulations			

Health and Safety at Work Act 1974 & Subsidiary Regulation Control of Substances Hazardous to Health Regulations (COSHH) May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

## 15.2 Chemical safety assessment

mixture:

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 abbreviations			
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	



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5050			
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	
		5	observation
MARPOL	:		
			8
OEL	:	Occupational Exposure Limit	
PBT	:	Persistent, bioaccumulative and toxic	
PNEC	:	Predicted no effect concentration	
REACH	:	Regulation (EC) No 1907/2006 of the European	n Parliament
		and of the Council of 18 December 2006 conce	erning the Reg-
		istration, Evaluation, Authorisation and Restrict	ion of Chemi-
		cals (REACH), establishing a European Chemi	cals Agency
SVHC	:	Substances of Very High Concern	
vPvB	:	Very persistent and very bioaccumulative	
PBT PNEC REACH SVHC		<ul> <li>air that kills 50% of the test animals during the observation period)</li> <li>International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978</li> <li>Occupational Exposure Limit</li> <li>Persistent, bioaccumulative and toxic</li> <li>Predicted no effect concentration</li> <li>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</li> <li>Substances of Very High Concern</li> </ul>	

## **Further information**

Classification of the m	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 !

## GB / EN