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

1.1 Product identifier

Trade name : Sikafloor®-304 W/Matt//305 W/ESD//306 W Part B

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

Product use : Flooring system, For professional users only.

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 127 Acute toxicity, Category 4	72/2008) H332: Harmful if inhaled.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single ex- posure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Long-term (chronic) aquatic hazard, Cat- egory 3	H412: Harmful to aquatic life with long lasting ef- fects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



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Hazard pictograms :		!	
Signal word :	Danger		
Hazard statements :	H317 H318 H332 H335 H412	May cause an allergic skin read Causes serious eye damage. Harmful if inhaled. May cause respiratory irritation Harmful to aquatic life with long fects.	ı.
Precautionary statements :	Prevention: P261 P273 P280	Avoid breathing mist or vapour Avoid release to the environme Wear protective gloves/ eye proprotection.	ent.
	Response:		
	P304 + P340 +	P312 IF INHALED: Remove pe air and keep comfortable for br POISON CENTER/ doctor if yo	eathing. Call a
	P305 + P351 +	P338 + P310 IF IN EYES: Rin with water for several minutes. tact lenses, if present and easy tinue rinsing. Immediately call a CENTER/ doctor.	se cautiously Remove con- / to do. Con-
	P333 + P313	If skin irritation or rash occurs: advice/ attention.	Get medical

Hazardous components which must be listed on the label:

Hexamethylene-1,6-diisocyanate homopolymer Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, phosphate

Additional Labelling

"As from 24 August 2023 adequate training is required before industrial or professional use."

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.



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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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)
Hexamethylene-1,6-diisocyanate homopolymer	Registration number 28182-81-2 931-274-8	Acute Tox. 4; H332 Skin Sens. 1; H317	>=80
Contains: hexamethylene-di-isocyanate <= 0,3 %	01-2119485796-17- XXXX	STOT SE 3; H335 (Respiratory system)	
		Acute toxicity esti- mate	
		Acute inhalation tox- icity (dust/mist): 1,5 mg/l	
Poly(oxy-1,2-ethanediyl), .alpha tridecylomegahydroxy-, phos- phate	9046-01-9 Not Assigned	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411	>= 3 - < 5
cyclohexyldimethylamine	98-94-2 202-715-5 01-2119533030-60- XXXX	Flam. Liq. 3; H226 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Chronic 2; H411	>= 0,25 - < 1

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General adv	ice :	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	е.
In case of skin contact :	Take off contaminated clothing and shoes im Wash off with soap and plenty of water. If symptoms persist, call a physician.	mediately.
In case of eye contact :	Small amounts splashed into eyes can cause sue damage and blindness. In the case of contact with eyes, rinse immed of water and seek medical advice. Continue rinsing eyes during transport to hos Remove contact lenses. Keep eye wide open while rinsing.	diately with plenty
If swallowed :	Do not induce vomiting without medical advid Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconsc	
4.2 Most important symptoms and	effects, both acute and delayed	
Symptoms :	Cough Respiratory disorder Allergic reactions Excessive lachrymation Headache See Section 11 for more detailed information and symptoms.	on health effects
Risks :	irritant effects sensitising effects	
	May cause an allergic skin reaction. Causes serious eye damage. Harmful if inhaled. May cause respiratory irritation.	
4.3 Indication of any immediate m	edical attention and special treatment neede	d
Treatment :	Treat symptomatically.	-

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.



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5.2 Special hazards arising from	the	e substance or mixture	
		No hazardous combustion products are known	1
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breath	ing apparatus.
Further information	:	Standard procedure for chemical fires.	
SECTION 6: Accidental release			
SECTION 6: Accidental release			
6.1 Personal precautions, protect		e equipment and emergency procedures	
		e equipment and emergency procedures Use personal protective equipment. Deny access to unprotected persons.	
6.1 Personal precautions, protect		Use personal protective equipment.	
6.1 Personal precautions, protections Personal precautions		Use personal protective equipment.	
 6.1 Personal precautions, protection Personal precautions 6.2 Environmental precautions 	ctiv :	Use personal protective equipment. Deny access to unprotected persons. Do not flush into surface water or sanitary sew If the product contaminates rivers and lakes or respective authorities.	
 6.1 Personal precautions, protect Personal precautions 6.2 Environmental precautions Environmental precautions 	ctiv :	Use personal protective equipment. Deny access to unprotected persons. Do not flush into surface water or sanitary sew If the product contaminates rivers and lakes or respective authorities.	r drains inform nd, silica gel,
 6.1 Personal precautions, protections Personal precautions 6.2 Environmental precautions Environmental precautions 6.3 Methods and material for co 	ctiv :	Use personal protective equipment. Deny access to unprotected persons. Do not flush into surface water or sanitary sew If the product contaminates rivers and lakes or respective authorities.	r drains inform nd, silica gel,

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.
		Provide sufficient air exchange and/or exhaust in work rooms. Follow standard hygiene measures when handling chemical



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	products	
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, inc	luding 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

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
Hexamethylene-1,6-diisocyanate homo- polymer	28182-81-2	TWA	0,02 mg/m3 (NCO)	GB EH40
	asthma (also k can induce a s immunological become hyper- sometimes eve toms. These sy asthma. Not al come hyper-re those who are that can cause substances wh with pre-existin include the dis classified as as	ation: Substances the nown as asthmage tate of specific airw irritant or other me- responsive, further en in tiny quantities, ymptoms can range I workers who are esponsive and it is ir likely to become hy occupational asthr ich may trigger the ng airway hyper-res ease themselves. T sthmagens or respin found in the HSE p	hat can cause occ ns and respiratory ay hyper-respons chanism. Once the exposure to the s may cause respira- in severity from a exposed to a sens npossible to ident yper-responsive. na should be disting symptoms of asther ponsiveness, but the latter substance ratory sensitisers.	v sensitisers) iveness via an e airways have substance, ratory symp- a runny nose to itiser will be- ify in advance Substances nguished from ima in people which do not ces are not Further infor-



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consultation with an occupational health professional over the degree of risk and level of surveillance., Capable of causing of pational asthma., The 'Sen' notation in the list of WELs has be assigned only to those substances which may cause occupat asthma in the categories shown in Table 1. It should be reme bered that other substances not in these tables may cause oc pational asthma. HSE's asthma web pages (www.hse.gov.uk/asthma) provide further information.	nd level of surveillance., Capable of causing occu- a., The 'Sen' notation in the list of WELs has been o those substances which may cause occupational ategories shown in Table 1. It should be remem- r substances not in these tables may cause occu- a. HSE's asthma web pages uk/asthma) provide further information.
STEL 0,07 mg/m3 GB EH40 (NCO) (NCO)	

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

Biological occupational exposure limits

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
Hexamethylene-1,6-diisocyanate homopolymer	28182-81-2	isocyanate- derived diamine (Isocyanates): 1 µmol/mol creati- nine (Urine)	At the end of the period of expo- sure	GB EH40 BAT

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.		



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	Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	
Skin and body protection	Protective clothing (e.g. Safety should be clothing be clothing clothing, lon and protective boots are additional and stirring work.	ig trousers). Rubber aprons
Respiratory protection	 In case of inadequate ventilation vertice Respirator selection must be based exposure levels, the hazards of the ing limits of the selected respirator organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; Ensure adequate ventilation. This exhaust extraction or by general verticular to the mixing / stirring area. to keep the concentrations under the limits then respiration protection metal and the selection. 	ed on known or anticipated he product and the safe work- r. ; A3: < 10000 ppm can be achieved by local rentilation. (EN 689 - Meth- bosure). This applies in par- . In case this is not sufficent the occupational exposure neasures must be used.
Environmental exposure co	rols	
General advice	: Do not flush into surface water or If the product contaminates rivers	

respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid colourless
Odour	:	odourless
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	> 150 °C
Flammability (solid, gas)	:	No data available

Upper/lower flammability or explosive limits



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Upper explosion limit / Up- per flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	100 °C Method: closed cup	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture reacts with water	
Viscosity			
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies)			
Water solubility	:	partly soluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	ca. 1,13 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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ions	
No hazards to be specially mentioned.	
No data available	
No data available	
ducts	
applied as directed.	
rmation	
	ions No hazards to be specially mentioned.

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

Acute toxicity	
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Harmful if inhaled.

Components:

Hexamethylene-1,6-diisocyanate homopolymer:

Acute oral toxicity	:	LD50 Oral (Rat): > 2.500 mg/kg
Acute inhalation toxicity	:	LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement
		Acute toxicity estimate: 1,5 mg/l Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	:	LD50 Dermal (Rat): > 2.000 mg/kg
cyclohexyldimethylamine:		
Acute inhalation toxicity	:	LC50 (Rat): 4,45 mg/l Exposure time: 4 h Test atmosphere: vapour

Skin corrosion/irritation

Not classified based on available information.



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Serious eye damage/eye irritation Causes serious eye damage.	
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 May cause respiratory irritation.	
STOT - repeated exposure Not classified based on available information.	
Aspiration toxicity Not classified based on available information.	
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

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available



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12.4 Mobility in soil No data available		
12.5 Results of PBT and vPvB asse	essment	
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 propertion	es	
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 (Elevels 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. Harmful to aquatic life with long lasting effects	

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 05 01* waste isocyanates
Contaminated packaging	: 15 01 10* packaging containing residues of or contaminated by dangerous substances



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SECTION 14: Transport information

14.1 UN number or ID number

ADR	:	Not regulated as a dangerous good			
IMDG	:	Not regulated as a dangerous good			
ΙΑΤΑ	:	Not regulated as a dangerous good			
14.2 UN proper shipping name					
ADR	:	Not regulated as a dangerous good			
IMDG	:	Not regulated as a dangerous good			
ΙΑΤΑ	:	Not regulated as a dangerous good			
14.3 Transport hazard class(es)					
ADR	:	Not regulated as a dangerous good			
IMDG	:	Not regulated as a dangerous good			
ΙΑΤΑ	:	Not regulated as a dangerous good			
14.4 Packing group					
ADR	:	Not regulated as a dangerous good			
IMDG	:	Not regulated as a dangerous good			
IATA (Cargo)	:	Not regulated as a dangerous good			
IATA (Passenger)	:	Not regulated as a dangerous good			
14.5 Environmental hazards					

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

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

Control of Major Accident Haz	ards Regulations	Not applicable
2015 (COMAH)		
Volatile organic compounds	: Law on the incentive (VOCV)	e tax for volatile organic compounds



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no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0,9% 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 environmental regulation/legislation specific for the substance or mixture:
 Environmental Protection Act 1990 & Subsidiary Regulations 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

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

H226 H301 H311 H314 H315 H317 H318 H331 H332 H335 H411		Flammable liquid and vapour. Toxic if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Toxic if inhaled. Harmful if inhaled. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.		
Full text of other abbreviations				
Acute Tox. Aquatic Chronic Eye Dam. Flam. Liq. Skin Corr. Skin Irrit. Skin Sens. STOT SE GB EH40 GB EH40 BAT GB EH40 / TWA GB EH40 / STEL ADR		Acute toxicity Long-term (chronic) aquatic hazard Serious eye damage Flammable liquids Skin corrosion Skin irritation Skin sensitisation Specific target organ toxicity - single exposure UK. EH40 WEL - Workplace Exposure Limits UK. Biological monitoring guidance values Long-term exposure limit (8-hour TWA reference period) Short-term exposure limit (15-minute reference period) European Agreement concerning the International Carriage of		



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CAS : DNEL : EC50 : GHS : IATA : IMDG : LD50 :	Dangerous Goods by Road Chemical Abstracts Service Derived no-effect level Half maximal effective concentration Globally Harmonized System International Air Transport Association International Maritime Code for Danger Median lethal dosis (the amount of a m once, which causes the death of 50% (aterial, given all at	
LC50 :	test animals) Median lethal concentration (concentra air that kills 50% of the test animals du period)		
MARPOL :	International Convention for the Preven		
OEL : PBT : PNEC : REACH : SVHC : vPvB :	Ships, 1973 as modified by the Protocol of 1978 Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration 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 Substances of Very High Concern Very persistent and very bioaccumulative		
Further information			
Classification of the mixture:	Classification	n procedure:	
Acute Tox. 4 H3	32 Calculation me	ethod	
Eye Dam. 1 H3	18 Calculation me	ethod	
Skin Sens. 1 H3	17 Calculation me	ethod	
STOT SE 3 H3	35 Calculation me	ethod	
Aquatic Chronic 3 H4	12 Calculation me	ethod	

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