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

1.1 Product identifier

Trade name : Sika® Ucrete® PLC Part 2

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

Product use : Flooring system

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) H332: Harmful if inhaled.		
Skin irritation, Category 2	H315: Causes skin irritation.		
Eye irritation, Category 2	H319: Causes serious eye irritation.		
Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.		
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.		
Carcinogenicity, Category 2	H351: Suspected of causing cancer.		
Specific target organ toxicity - single ex- posure, Category 3, Respiratory system	H335: May cause respiratory irritation.		
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through pro- longed or repeated exposure if inhaled.		

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2.2 Label elements			
Labelling (REGULATION (EC) Hazard pictograms :	No 1272/2008)	!	
Signal word :	Danger		
Hazard statements :	H317 Ma H319 Ca H332 Ha H334 Ma H335 Ma H351 Su H373 Ma	auses skin irritation. ay cause an allergic skin reaction. auses serious eye irritation. armful if inhaled. ay cause allergy or asthma sympto g difficulties if inhaled. ay cause respiratory irritation. Ispected of causing cancer. ay cause damage to organs throug repeated exposure if inhaled.	
Precautionary statements :	Prevention: P201 P260 P264 P280 Response: P304 + P340 + P342 + P311	Obtain special instructions befo Do not breathe mist or vapours. Wash skin thoroughly after han Wear protective gloves/ protecti eye protection/ face protection. P312 IF INHALED: Remove pe air and keep comfortable for bre POISON CENTER/ doctor if you If experiencing respiratory symp POISON CENTER/ doctor.	dling. ive clothing/ rson to fresh eathing. Call a u feel unwell.

Hazardous components which must be listed on the label:

Diphenylmethanediisocyanate, isomeres and homologues 4,4'-methylenediphenyl diisocyanate

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.





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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)
	Registration number		(70 00/00)
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9 Not Assigned	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 specific concentration limit Eye Irrit. 2; H319 >= 5 % specific concentration limit Resp. Sens. 1; H334 >= 0,1 %	>= 60 - < 80
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
		specific concentration limit STOT SE 3; H335 >= 5 %	

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4,4'-methylenediphenyl diisocya- nate	101-68-8 202-966-0 01-2119457014-47- XXXX	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 specific concentration limit Eye Irrit. 2; H319 >= 5 % specific concentration limit STOT SE 3; H335 >= 5 % specific concentration limit Skin Irrit. 2; H315 >= 5 % specific concentration limit Resp. Sens. 1; H334 >= 0,1 % Acute inhalation tox- icity (dust/mist): 1,5 mg/l	>= 40 - < 60

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 in both all	. Maria da farali ala	
If inhaled	: Move to fresh air. Consult a physician after significant exp	posure.
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	 Immediately flush eye(s) with plenty of Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a speci 	
If swallowed	 Do not induce vomiting without medica Rinse mouth with water. Do not give milk or alcoholic beverages Never give anything by mouth to an un 	5.
.2 Most important symptoms	and effects, both acute and delayed	
Symptoms	: Asthmatic appearance Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Headache 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 irritation. Harmful if inhaled. May cause allergy or asthma symptom ties if inhaled. 	s or breathing difficul-
	May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through	prolonged or repeated



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SECTION 5: Firefighting measu	ires	
5.1 Extinguishing media		
Suitable extinguishing media	In case of fire, use water/water spray/water ide/sand/foam/alcohol resistant foam/chem extinction.	
5.2 Special hazards arising from t	ne substance or mixture	
Hazardous combustion prod- ucts	No hazardous combustion products are known	own
5.3 Advice for firefighters		
Special protective equipment for firefighters	In the event of fire, wear self-contained bre	athing apparatus.
Further information	Standard procedure for chemical fires.	
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	sower system
	If the product contaminates rivers and lakes respective authorities.	
6.3 Methods and material for cont	ainment and cleaning up	
Methods for cleaning up	Soak up with inert absorbent material (e.g. acid binder, universal binder, sawdust). Keep in suitable, closed containers for disp	
6.4 Reference to other sections		
For personal protection see sec	tion 8.	
SECTION 7: Handling and stor	age	
7.1 Precautions for safe handling		
Advice on safe handling	Avoid formation of aerosol.	
-	Avoid exceeding the given occupational ex	posure limits (see
	section 8).	

Do not get in eyes, on skin, or on clothing.



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		For personal protection see section 8. Persons with a history of skin sensitisation ma, allergies, chronic or recurrent respirato not be employed in any process in which th used. Smoking, eating and drinking should be pro- plication area. Provide sufficient air exchange and/or exha Follow standard hygiene measures when h products	ry disease should is mixture is being phibited in the ap- nust in work rooms.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protec	tion.
Hygiene measures	:	Handle in accordance with good industrial h practice. When using do not eat or drink. W smoke. Wash hands before breaks and at t	hen 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 w place. Containers which are opened must b sealed and kept upright to prevent leakage ance with local regulations.	be carefully re-
Further information on stor- age stability	:	No decomposition if stored and applied as	directed.
7.3 Specific end use(s)			
Specific use(s)	:	Cleaning with aprotic polar solvents must b Consult most current local Product Data Sh use.	

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 *
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	TWA	0,02 mg/m3 (NCO)	GB EH40
	Further informa	ation: Capable of ca	ausing occupation	al asthma.
		STEL	0,07 mg/m3 (NCO)	GB EH40
4,4'-methylenediphenyl diisocyanate	101-68-8	TWA	0,02 mg/m3 (NCO)	GB EH40
	Further information: Capable of causing occupational asthr			al asthma.
		STEL	0,07 mg/m3	GB EH40



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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
Diphenylmethanediisocyanate, iso- meres and homologues	9016-87-9	isocyanate- derived diamine (Isocyanates): 1 µmol/mol creati- nine (Urine)	At the end of the period of expo- sure	GB EH40 BAT
4,4'-methylenediphenyl diisocyanate	101-68-8	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. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
Respiratory protection	:	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk as- sessment indicates this is necessary.



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	organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used. Ensure adequate ventilation, especially in confined areas.		
Environmental exposure cor	ntrols		
General advice	: Do not flush into surface water or sanitary so If the product contaminates rivers and lakes respective authorities.		

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid brown
Odour	:	musty
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)		No data available
Upper/lower flammability or e	əxp	losive limits
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	> 200 °C Method: closed cup
Auto-ignition temperature	:	No data available



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Decomposition temperature	:	No data available	
рН	:	substance/mixture reacts with water	
Viscosity			
Viscosity, dynamic	:	89 mPa.s	
Viscosity, kinematic	:	No data available	
Solubility(ies)			
Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	1,23 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 : No hazards to be specially mentioned.

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 pr	oducts	
	: No hazardous decomposition products are kno	wn.
SECTION 11: Toxicological info		
11.1 Information on hazard classe Acute toxicity Harmful if inhaled. <u>Components:</u>	s as defined in Regulation (EC) No 1272/2008	
Diphenylmethanediisocyanate Acute oral toxicity	e, isomeres and homologues: LD50 Oral (Rat): > 10.000 mg/kg	
Acute inhalation toxicity	LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Assessment: The component/mixture is modera short term inhalation.	ately toxic after
Acute dermal toxicity	LD50 Dermal (Rabbit): > 9.400 mg/kg	
	LD50 Oral (Rat): > 5.000 mg/kg Method: OECD Test Guideline 401	
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	

Causes skin irritation.



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Serious eye damage/eye irritatio Causes serious eye irritation.	n	
Respiratory or skin sensitisation		
Skin sensitisation May cause an allergic skin reactior	ı.	
Respiratory sensitisation May cause allergy or asthma symp	toms or breathing difficulties if inhaled.	
Germ cell mutagenicity Not classified due to lack of data.		
Carcinogenicity Suspected of causing cancer.		
Reproductive toxicity Not classified due to lack of data.		
STOT - single exposure May cause respiratory irritation.		
STOT - repeated exposure May cause damage to organs throu	ugh prolonged or repeated exposure if inhaled	
Aspiration toxicity Not classified due to lack of data.		
11.2 Information on other hazards		
Endocrine disrupting properties Not classified due to lack of data.		
	The substance/mixture does not contain comp ered to have endocrine disrupting properties a REACH Article 57(f) or Commission Delegated (EU) 2017/2100 or Commission Regulation (E evels of 0.1% or higher.	ccording to I regulation

SECTION 12: Ecological information

12.1 Toxicity

Components:

Diphenylmethanediisocyanate, isomeres and homologues:

Toxicity to fish

: LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l Exposure time: 96 h



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Toxicity to algae/aquatic plants	EC50 (Desmodesmus subspicatus mg/l Exposure time: 72 h	(green algae)): > 1.640
12.2 Persistence and degradabili 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 as	ssment	
Product:	-	
Assessment	This substance/mixture contains no to be either persistent, bioaccumula very persistent and very bioaccumu 0.1% or higher	tive and toxic (PBT), or
12.6 Endocrine disrupting prope	25	
Product:		
Assessment	The substance/mixture does not con ered to have endocrine disrupting p REACH Article 57(f) or Commission (EU) 2017/2100 or Commission Reg levels of 0.1% or higher.	roperties according to Delegated regulation
12.7 Other adverse effects		
Product: Additional ecological infor- mation	There is no data available for this p	roduct.
SECTION 13: Disposal consid	ations	
42.4 Wests treatment with a la		
13.1 Waste treatment methods Product	The generation of waste should be	avoided or minimized
	wherever possible. Empty containers or liners may reta	
	This material and its container must	
	way. Dispose of surplus and non-recyclal waste disposal contractor.	ble products via a licensed
	Disposal of this product, solutions a	nd any by-products should



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	protection and waste disposal legislation and local authority requirements. Avoid dispersal of spilled material and runoff soil, waterways, drains and sewers.	

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				
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



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UK REACH List of restrictions (Ar	nex 17)	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 56: Diphenylme- thanediisocyanate, isomeres and homologues, 4,4'-methylenediphenyl diisocyanate
			Number on list 74: Diphenylme- thanediisocyanate, isomeres and homologues, 4,4'-methylenediphenyl diisocyanate
UK REACH Candidate list of subs concern (SVHC) for Authorisation		:	Not applicable
The Persistent Organic Pollutants Regulation (EU) 2019/1021 as an ain)		:	Not applicable
International Chemical Weapons Schedules of Toxic Chemicals an		:	Not applicable
Regulation (EU) No 2024/590 on plete the ozone layer	substances that de-	:	Not applicable
UK REACH List of substances su (Annex XIV)	bject to authorisation	:	Not applicable
GB Export and import of hazardou Informed Consent (PIC) Regulation		:	Not applicable
Control of Major Accident Hazards 2015 (COMAH)	s Regulations	Not	applicable
Volatile organic compounds :	Law on the incentive t (VOCV) no VOC duties	ax fo	or volatile organic compounds
		-	4 November 2010 on industrial and s (integrated pollution prevention

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



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

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				
H315 :	Causes skin irritation.			
H317 :	May cause an allergic skin reaction.			
H319 :	Causes serious eye irritation.			
H332 :	Harmful if inhaled.			
H334 :	May cause allergy or asthma symptoms or breathing difficul-			
	ties if inhaled.			
H335 :	May cause respiratory irritation.			
H351 :	Suspected of causing cancer.			
H373 :	May cause damage to organs through prolonged or repeated exposure if inhaled.			
Full text of other abbreviations				
Acute Tox. :	Acute toxicity			
Carc. :	Carcinogenicity			
Eye Irrit. :	Eye irritation			
Resp. Sens. :	Respiratory sensitisation			
Skin Irrit. :	Skin irritation			
Skin Sens. :	Skin sensitisation			
STOT RE :	Specific target organ toxicity - repeated exposure			
STOT SE :	Specific target organ toxicity - single exposure			
GB EH40 :	UK. EH40 WEL - Workplace Exposure Limits			
GB EH40 BAT :	UK. Biological monitoring guidance values			
GB EH40 / TWA :	Long-term exposure limit (8-hour TWA reference period)			
GB EH40 / STEL :	Short-term exposure limit (15-minute reference period)			
ADR :	European Agreement concerning the International Carriage of			
	Dangerous Goods by Road			
CAS :	Chemical Abstracts Service			
DNEL :	Derived no-effect level			
EC50 :	Half maximal effective concentration			
GHS :	Globally Harmonized System			
IATA :	International Air Transport Association			
IMDG :	International Maritime Code for Dangerous Goods			
LD50 :	Median lethal dosis (the amount of a material, given all at			
	once, which causes the death of 50% (one half) of a group of			
	test animals)			



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LC50	:	Median lethal concentration (concentratio air that kills 50% of the test animals durin period)	
MARPOL	:	International Convention for the Prevention Ships, 1973 as modified by the Protocol of	
OEL PBT PNEC REACH	:	Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration Regulation (EC) No 1907/2006 of the Eur and of the Council of 18 December 2006 istration, Evaluation, Authorisation and Re cals (REACH), establishing a European C	opean Parliament concerning the Reg- estriction of Chemi-
SVHC vPvB	:	Substances of Very High Concern Very persistent and very bioaccumulative	C .

Further information

Classification of the mixture:	
H332	Calculation method
H315	Calculation method
H319	Calculation method
H334	Calculation method
H317	Calculation method
H351	Calculation method
H335	Calculation method
H373	Calculation method
	H332 H315 H319 H334 H317 H351 H335

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