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

#### **1.1 Product identifier**

Trade name : Sika<sup>®</sup> Ucrete<sup>®</sup> TC Gloss Part B

#### 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	:	+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 Acute toxicity, Category 4	<b>72/2008)</b> 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) No 1272/2008)

Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H315 H317 H319 H332 H334 H335 H351 H373	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breath- ing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure if inhaled.
Precautionary statements	:	Preventio	n:
		P201 P260 P264 P280	Obtain special instructions before use. Do not breathe mist or vapours. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response	9:
		P304 + P3	340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
		P342 + P3	If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

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

Diphenylmethanediisocyanate, isomeres and homologues

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

For explanation of abbreviations see section 16.



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### **SECTION 4: First aid measures**

4.1 Description of first aid measures						
General advice	<ul> <li>Move out of dangerous area.</li> <li>Consult a physician.</li> <li>Show this safety data sheet to the doctor in attendance.</li> </ul>					
If inhaled	: Move to fresh air. Consult a physician after significant exposure.					
In case of skin contact	<ul> <li>Take off contaminated clothing and shoes immediately.</li> <li>Wash off with soap and plenty of water.</li> <li>If symptoms persist, call a physician.</li> </ul>					
In case of eye contact	<ul> <li>Immediately flush eye(s) with plenty of water.</li> <li>Remove contact lenses.</li> <li>Keep eye wide open while rinsing.</li> <li>If eye irritation persists, consult a specialist.</li> </ul>					
If swallowed	<ul> <li>Do not induce vomiting without medical advice.</li> <li>Rinse mouth with water.</li> <li>Do not give milk or alcoholic beverages.</li> <li>Never give anything by mouth to an unconscious person.</li> </ul>					
4.2 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 information on health effects and symptoms.					
Risks	<ul> <li>Causes skin irritation.</li> <li>May cause an allergic skin reaction.</li> <li>Causes serious eye irritation.</li> <li>Harmful if inhaled.</li> <li>May cause allergy or asthma symptoms or breathing difficulties if inhaled.</li> <li>May cause respiratory irritation.</li> <li>Suspected of causing cancer.</li> <li>May cause damage to organs through prolonged or repeated exposure if inhaled.</li> </ul>					



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		irritant effects sensitising effects	
<b>4.3 Indication of any immediate m</b> Treatment		cal attention and special treatment needed Treat symptomatically.	
SECTION 5: Firefighting measure	ure	S	
5.1 Extinguishing media			
Suitable extinguishing media		In case of fire, use water/water spray/water jet ide/sand/foam/alcohol resistant foam/chemica extinction.	
5.2 Special hazards arising from t	the	substance or mixture	
Hazardous combustion prod- ucts	:	No hazardous combustion products are knowr	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	e m	easures	
6.1 Personal precautions, protect	ive	equipment and emergency procedures	
•	:	Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions			
Environmental precautions		Do not flush into surface water or sanitary sew If the product contaminates rivers and lakes or respective authorities.	

#### 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.



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### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

	Advice on safe handling	:	<ul> <li>Avoid formation of aerosol.</li> <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>Provide sufficient air exchange and/or exhaust in work rooms.</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.
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-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance with local regulations.
	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 be avoided. Consult most current local Product Data Sheet prior to any use.

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

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

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



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Diphenylmethanediisocyanate, isomeres	9016-87-9 TWA	0,02 mg/m3 GB EH40

and homologues			(NCO)	
	Further information	ation: Capable of ca	using occupationa	al asthma.
		STEL	0,07 mg/m3	GB EH40
			(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
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

# 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 additionaly 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. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm



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	Ensure adequate ventilation. This can less exhaust extraction or by general ventilation ods for determining inhalation exposure ticular to the mixing / stirring area. In case to keep the concentrations under the or limits then respiration protection measure adequate ventilation, especially	ation. (EN 689 - Meth- e). This applies in par- ase this is not sufficent ccupational exposure ures must be used.
Environmental exposure	controls	
General advice	: Do not flush into surface water or sanital If the product contaminates rivers and l 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	exp	losive limits
Upper/lower flammability or o Upper explosion limit / Up- per flammability limit	•	
Upper explosion limit / Up-	•	
Upper explosion limit / Upper flammability limit	•	No data available No data available
Upper explosion limit / Up- per flammability limit Lower explosion limit / Lower flammability limit	:	No data available No data available 204 °C



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рН	:	substance/mixture reacts with water	
<b>Viscosity</b> Viscosity, dynamic	:	100 - 2.000 mPa.s	
Viscosity, kinematic	:	800 mm2/s (40 °C)	
<b>Solubility(ies)</b> Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	1,2 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

#### 10.5 Incompatible materials



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Materials to avoid	:	No data available	
0.6 Hazardous decompositior	n produ	cts	
	:	No hazardous decomposition products ar	e known.
SECTION 11: Toxicological	inform	ation	
1.1 Information on hazard cla	sses as	s defined in Regulation (EC) No 1272/20	008
Acute toxicity Harmful if inhaled.			
Components:			
Diphenylmethanediisocya	nate, is	omeres and homologues:	
Acute oral toxicity	: L	.D50 Oral (Rat): > 10.000 mg/kg	
Acute inhalation toxicity	E T N A	C50: 1,5 mg/l Exposure time: 4 h Fest atmosphere: dust/mist Method: Expert judgement Assessment: The component/mixture is m short term inhalation.	oderately toxic after
Acute dermal toxicity	: L	.D50 Dermal (Rabbit): > 9.400 mg/kg	
Skin corrosion/irritation			
Causes skin irritation.			
Serious eye damage/eye i	ritatior	ı	
Causes serious eye irritation	۱.		
Respiratory or skin sensit	isation		
Skin sensitisation			
May cause an allergic skin r	eaction		
Respiratory sensitisation			
	a sympt	toms or breathing difficulties if inhaled.	
Germ cell mutagenicity Not classified due to lack of	data.		
Carcinogenicity			
Suspected of causing cance	er.		
Reproductive toxicity			
Not classified due to lack of	data.		



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#### STOT - single exposure

May cause respiratory irritation.

#### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

#### Aspiration toxicity

Not classified due to lack of data.

#### **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:** 

Diphenylmethanediisocyar	ate, isomeres and homologues:
Toxicity to fish	: LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	: EC50 (Desmodesmus subspicatus (green algae)): > 1.640 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 very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



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#### 12.6 Endocrine disrupting properties

#### Product:

Assessment	:	The substance/mixture does not contain components consid- ered 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.

#### 12.7 Other adverse effects

#### Product:

Additional ecological infor-	:	There is no data available for this product.
mation		

#### **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.

#### **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		



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ΙΑΤΑ	:	Not regulated as a dangerous good		
14.3 Transport hazard class(es	s)			
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 dangero	us go	od		
14.6 Special precautions for u	ser			
Not applicable				
14.7 Maritime transport in bulk Not applicable for product a		-		

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)		Conditions of restriction for the fol- lowing entries should be considered: Number on list 56: Diphenylme- thanediisocyanate, isomeres and homologues
		Number on list 74: Diphenylme- thanediisocyanate, isomeres and homologues
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



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International Chemical Weapons Schedules of Toxic Chemicals ar				
Regulation (EC) on substances to layer	hat deplete the ozone : Not applicable			
UK REACH List of substances su (Annex XIV)	ubject to authorisation : Not applicable			
	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 Not applicable Law on the incentive tax for volatile organic (VOCV) no VOC duties Directive 2010/75/EU of 24 November 2010 emissions (integrated pollution prevention a Not applicable	) on 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 mixture:	Environmental Protection Act 1990 & Subsi Health and Safety at Work Act 1974 & Subsi Control of Substances Hazardous to Health (COSHH) May be subject to the Control of Major Acci Regulations (COMAH), and amendments.	sidiary Regulations Regulations		

#### 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	<ul> <li>May cause allergy or asthma symptoms or breathing difficul- ties if inhaled.</li> </ul>
H335	: May cause respiratory irritation.



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H351		Suspected of causing cancer.	
H373	:	May cause damage to organs through p exposure if inhaled.	prolonged or repeated
Full text of other abbreviat	ions		
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 exp	
GB EH40	:	UK. EH40 WEL - Workplace Exposure I	
GB EH40 BAT	:	UK. Biological monitoring guidance valu	
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA r	
GB EH40 / STEL	:	Short-term exposure limit (15-minute rel	
ADR	:	European Agreement concerning the In	
ABI	•	Dangerous Goods by Road	ternational Carriage of
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 Dangero	
LD50	:	Median lethal dosis (the amount of a ma	
		once, which causes the death of 50% (c	one half) of a group of
		test animals)	
LC50	:	Median lethal concentration (concentrat	
		air that kills 50% of the test animals duri	ing the observation
		period)	
MARPOL	:	International Convention for the Prevent	
		Ships, 1973 as modified by the Protocol	of 1978
OEL	:	Occupational Exposure Limit	
PBT	:	Persistent, bioaccumulative and toxic	
PNEC	:	Predicted no effect concentration	
REACH	:	Regulation (EC) No 1907/2006 of the Ed and of the Council of 18 December 2000 istration, Evaluation, Authorisation and I	6 concerning the Reg- Restriction of Chemi-
SVHC		cals (REACH), establishing a European	Chemicals Agency
SVHC vPvB	÷	Substances of Very High Concern Very persistent and very bioaccumulativ	10
		Very persistent and very bioaccumulativ	

#### Further information

Classification of the	Classification procedure:	
Acute Tox. 4	H332	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method



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Resp. Sens. 1	H334	Calculation method	
Skin Sens. 1	H317	Calculation method	
Carc. 2	H351	Calculation method	
STOT SE 3	H335	Calculation method	
STOT RE 2	H373	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