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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> ViscoCrete<sup>®</sup>-25 TT (GB)

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

Product use : Concrete admixtures

#### 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	:	EHS@uk.sika.com
responsible for the SDS		

#### **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 1272/2008)

Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard, Cat- egory 3	H412: Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

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

Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H317 H412	May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.



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Precautionary statements :	<b>Prevention:</b> P261 P273 P280	Avoid breathing mist or vapours. Avoid release to the environment Wear protective gloves.	t.
	Response:		
	P333 + P313	If skin irritation or rash occurs: G advice/ attention.	et medical
	P362 + P364	Take off contaminated clothing a before reuse.	nd wash it
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	accordance

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

1,2-benzisothiazol-3(2H)-one (BIT) 2-octyl-2H-isothiazole-3-one (OIT)

#### 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

1,2-benzisothiazol-3(2H)-one         2634-33-5         Acute Tox. 4; H302         >= 0,0025           (BIT)         220-120-9         Acute Tox. 2; H330         0,025           01-2120761540-60-         Skin Irrit. 2; H315         Skin Irrit. 2; H315	Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
XXXX Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1 Specific concentration limit Skin Sens. 1A; H317 >= 0,036 % Acute toxicity esti- mate Acute oral toxicity: 450 mg/kg Acute inhalation tox- icity (dust/mist): 0,21 mg/l		2634-33-5 220-120-9 01-2120761540-60-	Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1 specific concentration limit Skin Sens. 1A; H317 >= 0,036 % Acute toxicity esti- mate Acute oral toxicity: 450 mg/kg Acute inhalation tox- icity (dust/mist): 0,21	>= 0,0025 - < 0,025



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2-octyl-2H-isothiazole-3-one (OIT)	26530-20-1 247-761-7 01-2120768921-45- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071 M-Factor (Acute aquatic toxicity): 100100 M-Factor (Chronic aquatic toxicity): 100100 specific concentration limit Skin Sens. 1A; H317 >= 0,0015 % Acute toxicity esti- mate Acute oral toxicity: 125 mg/kg Acute inhalation tox- icity (dust/mist): 0,27 mg/l 0,27 mg/l Acute dermal toxicity:	>= 0,0025 - < 0,025	
		Acute dermal toxicity: 311 mg/kg 311 mg/kg		

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.
If inhaled	: Move to fresh air.



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		Consult a physician after significant exp	osure.
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.	es immediately.
In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specia	alist.
If swallowed	:	Do not induce vomiting without medical Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unc	
4.2 Most important symptoms a	nd	effects, both acute and delayed	
Symptoms	:	Allergic reactions See Section 11 for more detailed inform and symptoms.	ation on health effects
Risks	:	sensitising effects	
		May cause an allergic skin reaction.	
4.3 Indication of any immediate	me	dical attention and special treatment no	eeded
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting mea	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/wa ide/sand/foam/alcohol resistant foam/ch extinction.	
5.2 Special hazards arising from	n th	e substance or mixture	
		e substance or mixture No hazardous combustion products are	known
Hazardous combustion prod- ucts			known
Hazardous combustion prod-	• :		



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# **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment.
		Deny access to unprotected persons.

#### **6.2 Environmental precautions**

Environmental precautions : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and material for 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.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage	: Keep container tightly closed in a dry and well-ventil	ated
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areas and containers	place. Containers which are opened mus sealed and kept upright to prevent leakag ance with local regulations.	
Further information on stor- age stability	No decomposition if stored and applied a	s directed.
7.3 Specific end use(s) Specific use(s)	Consult most current local Product Data s	Sheet prior 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 *
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Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

#### Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

# Personal protective equipment

Eye/face protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications. Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: 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	:	No special measures required.

#### Environmental exposure controls



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General advice	:	Do not flush into surface water or sani If the product contaminates rivers and respective authorities.	
CTION 9: Physical and che	emi	cal properties	
Information on basic physica	al ai	nd chemical properties	
Physical state Colour	:	liquid straw-like	
Odour	:	hydrocarbon-like	
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	ex	plosive limits	
Upper explosion limit / Up- per flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	Not applicable	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	ca. 4 (20 °C)	
<b>Viscosity</b> Viscosity, kinematic	:	> 7 mm2/s (40 °C)	
Solubility(ies)			
Water colubility		aalubla	

Water solubility

: soluble



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Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 23 hPa	
Density	: ca. 1,075 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
Conditions to avoid	<ul> <li>No data available.</li> </ul>

### 10.5 Incompatible materials

#### **10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

#### **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.



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Components:			
1,2-benzisothiazol-3(2H)-o	ne (BIT):		
Acute oral toxicity	Meth	e toxicity estimate: 450 mg/kg od: Acute toxicity estimate acco 272/2008	rding to Regulation (EC)
	LD50	) Oral (Rat): 450 mg/kg	
Acute inhalation toxicity	Test Meth	e toxicity estimate: 0,21 mg/l atmosphere: dust/mist od: Acute toxicity estimate acco 272/2008	rding to Regulation (EC)
	Expo Test	): 0,21 mg/l sure time: 4 h atmosphere: dust/mist od: OECD Test Guideline 403	
Acute dermal toxicity	: LD50	) Dermal (Rabbit): > 2.000 mg/kg	g
2-octyl-2H-isothiazole-3-o	ne (OIT):		
Acute oral toxicity	Meth	e toxicity estimate: 125 mg/kg od: Acute toxicity estimate acco 272/2008	rding to Regulation (EC)
	Meth	e toxicity estimate: 125 mg/kg od: Acute toxicity estimate acco 272/2008	rding to Regulation (EC)
Acute inhalation toxicity	Test Meth	e toxicity estimate: 0,27 mg/l atmosphere: dust/mist od: Acute toxicity estimate acco 272/2008	rding to Regulation (EC)
	Test Meth	e toxicity estimate: 0,27 mg/l atmosphere: dust/mist od: Acute toxicity estimate acco 272/2008	rding to Regulation (EC)
Acute dermal toxicity	Meth	e toxicity estimate: 311 mg/kg od: Acute toxicity estimate acco 272/2008	rding to Regulation (EC)
	Meth	e toxicity estimate: 311 mg/kg od: Acute toxicity estimate acco 272/2008	rding to Regulation (EC)

### Skin corrosion/irritation

Not classified based on available information.

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> Serious eye damage/eye irritation Not classified based on available information.

### Respiratory or skin sensitisation

### Skin sensitisation

May cause an allergic skin reaction.

#### **Respiratory sensitisation**

Not classified based on available information.

### Components:

### 1,2-benzisothiazol-3(2H)-one (BIT):

Assessment : May cause sensitisation by skin contact.

#### 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.

#### 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.





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# **SECTION 12: Ecological information**

### 12.1 Toxicity

#### Components:

<b>1,2-benzisothiazol-3(2H)-one (I</b> Toxicity to daphnia and other : aquatic invertebrates	BIT): EC50 (Daphnia (water flea)): 3 mg/l Exposure time: 48 h					
M-Factor (Acute aquatic tox- : icity)	1					
M-Factor (Chronic aquatic : toxicity)	1					
2-octyl-2H-isothiazole-3-one (C	דוס):					
M-Factor (Acute aquatic tox- : icity)	•					
	100					
M-Factor (Chronic aquatic : toxicity)	100					
	100					
<b>12.2 Persistence and degradability</b> No data available						
<b>12.3 Bioaccumulative potential</b> No data available						
<b>12.4 Mobility in soil</b> 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..

#### **12.6 Endocrine disrupting properties**

#### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to



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	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-	:	An environmental hazard cannot be excluded in the event of
mation		unprofessional handling or disposal.
		Harmful to aquatic life with long lasting effects.

#### **Global warming potential**

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

#### **Components:**

#### octamethylcyclotetrasiloxane [D4]:

20-year global warming potential: 2,66 100-year global warming potential: 0,739 500-year global warming potential: 0,211 Atmospheric lifetime: 0,027 yr Radiative efficiency: 0,12 Wm2ppb Further information: Miscellaneous compounds

#### **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



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IMDG	: Not regulated as a dangerous good	
ΙΑΤΑ	: Not regulated as a dangerous good	
14.2 UN proper shipping na	me	
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 dange		
14.6 Special precautions for Not applicable	' user	
14.7 Maritime transport in b Not applicable for produc	ulk according to IMO instruments as supplied.	

# 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



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International Chemical Weapons Schedules of Toxic Chemicals ar		: Not app	licable
Regulation (EU) No 2024/590 on plete the ozone layer	substances that de-	: Not app	licable
UK REACH List of substances su (Annex XIV)	ubject to authorisation	: Not app	licable
GB Export and import of hazardo Informed Consent (PIC) Regulati		: Not app	licable
Control of Major Accident Hazard 2015 (COMAH)	ds Regulations	Not applicab	le
Volatile organic compounds :	Law on the incentive (VOCV) Volatile organic comp no VOC duties		
		sions (integra	ber 2010 on industrial and ted pollution prevention content: 0% w/w
If other regulatory information ap Sheet, then it is described in this		provided else	where in the Safety Data
Health, safety and environ- : mental regulation/legislation			& Subsidiary Regulations 4 & Subsidiary Regulations

Environmental Protection Act 1990 & Subs	idiary Regulations
Health and Safety at Work Act 1974 & Sub	sidiary Regulations
Control of Substances Hazardous to Health	n Regulations
(COSHH)	-
May be subject to the Control of Major Acc	ident Hazards
Regulations (COMAH), and amendments.	
	<ul> <li>Environmental Protection Act 1990 &amp; Subs Health and Safety at Work Act 1974 &amp; Subs Control of Substances Hazardous to Health (COSHH)</li> <li>May be subject to the Control of Major Acci Regulations (COMAH), and amendments.</li> </ul>

#### 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**

H301 :	Toxic if swallowed.
H302 :	Harmful if swallowed.
H311 :	Toxic in contact with skin.
H314 :	Causes severe skin burns and eye damage.
H315 :	Causes skin irritation.



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H317 : H318 : H330 : H400 : H410 :	May cause an allergic skin reaction. Causes serious eye damage. Fatal if inhaled. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects	
Full text of other abbreviations	;	
Acute Tox. : Aquatic Acute : Aquatic Chronic : Eye Dam. :	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage	
Skin Corr. : Skin Irrit. : Skin Sens. :	Skin corrosion Skin irritation Skin sensitisation	el Corrigeo ef
ADR : CAS :	European Agreement concerning the Internation Dangerous Goods by Road Chemical Abstracts Service	al Carriage of
DNEL : EC50 : GHS :	Derived no-effect level Half maximal effective concentration Globally Harmonized System	
IATA : IMDG : LD50 :	International Air Transport Association International Maritime Code for Dangerous Good Median lethal dosis (the amount of a material, gi once, which causes the death of 50% (one half)	ven all at
LC50 :	test animals) Median lethal concentration (concentrations of th air that kills 50% of the test animals during the o period)	
MARPOL :	International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978	
OEL : PBT : PNEC :	Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration	
REACH :	Regulation (EC) No 1907/2006 of the European and of the Council of 18 December 2006 concer istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemica	ning the Reg- on of Chemi-
SVHC : vPvB :	Substances of Very High Concern Very persistent and very bioaccumulative	·····,

### **Further information**

Classification of the mixture:		Classification procedure:
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	Calculation method



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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