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

1.1 Product identifier

Trade name : Sika[®] Water Repel +

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

Product use : Sealant/adhesive

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.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H317	May cause an allergic skin reaction.
Precautionary statements	:	P101	If medical advice is needed, have product container or label at hand.
		P102	Keep out of reach of children.



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	Prevention: P261 P280	Avoid breathing mist or vapours Wear protective gloves.	
	Response: P302 + P352	IF ON SKIN: Wash with plenty c	of water.
	Disposal: P501	Dispose of contents/container in with local regulation.	accordance

Hazardous components which must be listed on the label:

2-octyl-2H-isothiazole-3-one (OIT) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1))

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

oomponents			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
triethoxyoctylsilane	2943-75-1	Skin Irrit. 2; H315	>= 2,5 - < 5
	220-941-2		
	01-2119972313-39-		
	XXXX		

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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	>= 0,0015 - < 0,0025
		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 125 mg/kg Acute inhalation tox- icity (dust/mist): 0,27	
		mg/l 0,27 mg/l Acute dermal toxicity: 311 mg/kg 311 mg/kg	

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mixture of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247- 500-7] and 2-methyl-2H- isothiazol-3-one [EC no. 220-239- 6] (3:1) (C(M)IT/MIT (3:1))	55965-84-9 911-418-6 01-2120764691-48- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; 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 Corr. 1C; H314 >= 0,6 % Skin Irrit. 2; H315 0,06 - < 0,6 % Eye Irrit. 2; H319 0,06 - < 0,6 % Skin Sens. 1A; H317 >= 0,0015 % Eye Dam. 1; H318 >= 0,6 %	< 0,0002
Ear explanation of obbreviations of	a apption 10	•	

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. Consult a physician after significant exposure.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.



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In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.	
If swallowed	:	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconsciou	
4.2 Most important symptoms a	nd e	effects, both acute and delayed	
Symptoms	:	Allergic reactions See Section 11 for more detailed information or and symptoms.	n health effects
Risks	:	sensitising effects	
RISKS			
RISKS		May cause an allergic skin reaction.	
	meo	May cause an allergic skin reaction.	
	meo :		
4.3 Indication of any immediate	:	dical attention and special treatment needed Treat symptomatically.	
4.3 Indication of any immediate Treatment	:	dical attention and special treatment needed Treat symptomatically.	
4.3 Indication of any immediate Treatment SECTION 5: Firefighting mea	: sur	dical attention and special treatment needed Treat symptomatically.	
 4.3 Indication of any immediate Treatment SECTION 5: Firefighting mea 5.1 Extinguishing media 	: sur	dical attention and special treatment needed Treat symptomatically. es In case of fire, use water/water spray/water jet/o ide/sand/foam/alcohol resistant foam/chemical extinction.	
 4.3 Indication of any immediate Treatment SECTION 5: Firefighting mea 5.1 Extinguishing media Suitable extinguishing media 5.2 Special hazards arising from 	: sur : the	dical attention and special treatment needed Treat symptomatically. es In case of fire, use water/water spray/water jet/o ide/sand/foam/alcohol resistant foam/chemical extinction.	
 4.3 Indication of any immediate Treatment SECTION 5: Firefighting mea 5.1 Extinguishing media Suitable extinguishing media 5.2 Special hazards arising from Hazardous combustion prod- 	: sur : the	dical attention and special treatment needed Treat symptomatically. es In case of fire, use water/water spray/water jet/o ide/sand/foam/alcohol resistant foam/chemical extinction.	
 4.3 Indication of any immediate Treatment SECTION 5: Firefighting mea 5.1 Extinguishing media Suitable extinguishing media 5.2 Special hazards arising from Hazardous combustion prod- ucts 	: sur : the	dical attention and special treatment needed Treat symptomatically. es In case of fire, use water/water spray/water jet/o ide/sand/foam/alcohol resistant foam/chemical extinction.	powder for

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.



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:	Do not flush into surface water or sanitary se	wer system.
ıtai	nment and cleaning up	
:	Soak up with inert absorbent material (e.g. sa acid binder, universal binder, sawdust). Keep in suitable, closed containers for dispos	
•		 Do not flush into surface water or sanitary set tainment and cleaning up Soak up with inert absorbent material (e.g. sa acid binder, universal binder, sawdust).

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	:	 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 asthma, 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 application area. Follow standard hygiene measures when handling chemical products
	on protection against l explosion	:	Normal measures for preventive fire protection.
Hygiene	e 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 Conditio	ons for safe storage, i	incl	uding any incompatibilities
	ements for storage 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 age sta	information on stor- bility	:	No decomposition if stored and applied as directed.
7.3 Specific	end use(s)		
Specific	c use(s)	:	Consult most current local Product Data Sheet prior to any



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use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
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Contains no substances with occupational exposure limit values.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
ethanol	64-17-5	TWA	1.000 ppm 1.920 mg/m3	GB EH40
		rmation: Where no sp re three times the lon		

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

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 sanitary sewer	r system.
SECTION 9: Physical and che	mi	cal properties	
9.1 Information on basic physica	l ar	nd chemical properties	
Physical state Colour	:	liquid white	
Odour	:	characteristic	
Melting point/range / Freezing point	:	No data available	
Boiling point/boiling range	:	No data available	

Flammability (solid, gas) : No data available

Upper/lower flammability or explosive 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	:	7
Viscosity Viscosity, kinematic	:	> 7 mm2/s (40 °C)
Solubility(ies)		
Water solubility	:	soluble



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Vapour pressure	: 23 hPa	

Density	:	1 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

data available

10.6 Hazardous decomposition products

Hazardous decomposition : ethanol products

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:			
2-octyl-2H-isothiazole-3-o	ne (OIT):	
Acute oral toxicity	I	Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate accord No. 1272/2008	ling to Regulation (EC)
	1	Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate accord No. 1272/2008	ling to Regulation (EC)
Acute inhalation toxicity		Acute toxicity estimate: 0,27 mg/l	
	I	Fest atmosphere: dust/mist Method: Acute toxicity estimate accord No. 1272/2008	ling to Regulation (EC)
	- 1	Acute toxicity estimate: 0,27 mg/l Fest atmosphere: dust/mist Method: Acute toxicity estimate accord No. 1272/2008	ling to Regulation (EC)
Acute dermal toxicity	I	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate accord No. 1272/2008	ling to Regulation (EC)
	1	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate accord No. 1272/2008	ling to Regulation (EC)
mixture of: 5-chloro-2-methy one [EC no. 220-239-6] (3:1		hiazolin-3-one [EC no. 247-500-7] and IT/MIT (3:1)):	2-methyl-2H-isothiazol-3-
	, , , ,	Assessment: Corrosive to the respirate	ory tract.
Skin corrosion/irritation			
Not classified based on ava			
Serious eye damage/eye i Not classified based on ava			
Respiratory or skin sensit			
Skin sensitisation			
May cause an allergic skin r	eaction		
Respiratory sensitisation Not classified based on ava	ilable ir	formation.	
Germ cell mutagenicity Not classified based on ava			



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Carcinogenicity			
Not classified based on ava	ilable	information.	
Reproductive toxicity			
Not classified based on ava	ilable	information.	
STOT - single exposure			
Not classified based on ava	ilable	information.	
STOT - repeated exposure	•		
Not classified based on ava	ilable	information.	
Aspiration toxicity			
Not classified based on ava	ilable	information.	
11.2 Information on other haza	rds		
Endocrine disrupting pro	oertie	PS	
Product:			
Assessment	:	The substance/mixture does not contain c ered to have endocrine disrupting properti REACH Article 57(f) or Commission Delec	es 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:

2-octyl-2H-isothiazole-3-one (OIT):

M-Factor (Acute aquatic tox- : 100 icity) 100 M-Factor (Chronic aquatic : 100 toxicity) 100

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)): M-Factor (Acute aquatic tox- : 100 icity)

SAFETY DATA SHEET According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



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M-Factor (Chronic aquatic toxicity)	100		
	100		
12.2 Persistence and degradabilit 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 ass	ssment		
Product: Assessment	to be either pers	mixture contains no composistent, bioaccumulative ar and very bioaccumulative (nd toxic (PBT), or
12.6 Endocrine disrupting proper	95		
Product:			
Assessment	ered to have en REACH Article	nixture does not contain c docrine disrupting properti 57(f) or Commission Deleg or Commission Regulatio r higher.	es according to pated regulation
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	There is no data	available for this product.	
Global warming potential			
Assessment Report of the Inter Framework Convention on Clim			C) of the United Nations
Components:			
octamethylcyclotetrasiloxane	[D4]:		
20-year global warming potentia 100-year global warming poten 500-year global warming poten Atmospheric lifetime: 0,027 yr	al: 0,739		



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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 2 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. 16 10 02 aqueous liquid wastes other than those mentioned European Waste Catalogue 2 in 16 10 01

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
Country GB 000000219263		



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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	ood	
14.6 Special precautions for user Not applicable		
14.7 Maritime transport in bulk a Not applicable for product as s	•	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	: Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	: Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	: Not applicable
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	: Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	: Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	: Not applicable
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation	: Not applicable
Control of Major Accident Hazards Regulations 2015 (COMAH)	Not applicable
Volatile organic compounds : Law on the incentive ta (VOCV)	ax for volatile organic compounds ounds (VOC) content: < 0% w/w



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	no VOC duties Directive 2010/75/EU of 24 November 2010 on emissions (integrated pollution prevention and c Volatile organic compounds (VOC) content: 0,10	control)	
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/legislationEspecific for the substance or
mixture:C

 Environmental Protection Act 1990 & Subsidiary Regulations Health and Safety at Work Act 1974 & 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

H301	:	Toxic if swallowed.
H310	:	Fatal in contact with skin.
H311	:	Toxic in contact with skin.
H314	:	Causes severe skin burns and eye damage.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.
H330	:	Fatal if inhaled.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.
Full text of other abbreviation	ons	
Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	Serious eye damage
Skin Corr.	:	Skin corrosion
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA 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



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GHS	Globally Harmonized System	
IATA	International Air Transport Association	_
IMDG	International Maritime Code for Dangerous	
LD50	 Median lethal dosis (the amount of a mate once, which causes the death of 50% (one test animals) 	
LC50	 Median lethal concentration (concentration air that kills 50% of the test animals during period) 	
MARPOL	 International Convention for the Preventio Ships, 1973 as modified by the Protocol or 	
OEL	Occupational Exposure Limit	
PBT	Persistent, bioaccumulative and toxic	
PNEC	Predicted no effect concentration	
REACH	 Regulation (EC) No 1907/2006 of the Euro and of the Council of 18 December 2006 of istration, Evaluation, Authorisation and Re cals (REACH), establishing a European C 	concerning the Reg- striction of Chemi-
SVHC	Substances of Very High Concern	U
vPvB	Very persistent and very bioaccumulative	
Further information		
Classification of the mixture:	Classification p	rocedure:

		elacenteation procedure	
Skin Sens. 1	H317	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