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

1.1 Product identifier	
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Trade name

 EVERBUILD EVERFLEX CONTRACT 225 Industrial & Glazing Silicone

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.
Long-term (chronic) aquatic hazard, Cat-	H412: Harmful to aquatic life with long lasting ef-
egory 3	fects.

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 :	P101	If medical advice is needed, have container or label at hand.	e product
	P102	Keep out of reach of children.	
	Prevention:		
	P261	Avoid breathing mist or vapours. Avoid release to the environmen	
	P273 P280	Wear protective gloves.	ι.
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	accordance

Hazardous components which must be listed on the label:

4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT)

2.3 Other hazards

This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

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

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Hydrocarbons, C13-C23, n- alkanes, isoalkanes, cyclics, < 0.03% aromatics	Not Assigned 932-078-5 01-2119552497-29- XXXX	Asp. Tox. 1; H304	>= 5 - < 10
methylsilanetriyl triacetate	4253-34-3 224-221-9 01-2119962266-32- XXXX	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 EUH014	>= 1 - < 2,5



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triacetoxyethylsilane	17689-77-9 241-677-4 01-2119881778-15- XXXX	Skin Corr. 1B; H314 Eye Dam. 1; H318	>= 1 - < 2,5
Hydrocarbons, C14-C18, n- alkanes, isoalkanes, cyclics, <2% aromatics	Not Assigned 927-632-8 01-2119457736-27- XXXX [corresponding group CAS 64742-47- 8]	Asp. Tox. 1; H304 EUH066	>= 1 - < 2,5
octamethylcyclotetrasiloxane [D4]	556-67-2 209-136-7 01-2119529238-36- XXXX	Flam. Liq. 3; H226 Repr. 2; H361f Aquatic Chronic 1; H410 M-Factor (Chronic aquatic toxicity): 1010	>= 0,25 - < 1



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4,5-dichloro-2-octyl-2H-isothiazol- 3-one (DCOIT)	64359-81-5 264-843-8	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	>= 0,0025 - < 0,025
		M-Factor (Acute aquatic toxicity): 100100 M-Factor (Chronic aquatic toxicity): 100100	
		specific concentration limit Skin Irrit. 2; H315 0,025 - < 5 % Eye Irrit. 2; H319 0,025 - < 3 % Skin Sens. 1A; H317 >= 0,0015 %	
		Acute toxicity esti- mate	
		Acute oral toxicity: 567 mg/kg 567 mg/kg Acute inhalation tox- icity (dust/mist): 0,16 mg/l 0,16 mg/l	
PBT and vPvB substance :			
decamethylcyclopentasiloxane	541-02-6 208-764-9 01-2119511367-43- XXXX		< 1
dodecamethylcyclohexasiloxane	540-97-6 208-762-8 01-2119517435-42- XXXX		< 1

For explanation of abbreviations see section 16.



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SECTION 4: First aid measures

4.1 Description of first aid measure	?S
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.
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 unconscious person.
4.2 Most important symptoms and	effects, both acute and delayed
Symptoms :	Allergic reactions See Section 11 for more detailed information on health effects and symptoms.
Risks :	sensitising effects
	May cause an allergic skin reaction.
4.3 Indication of any immediate me	dical attention and special treatment needed
Treatment	Treat symptomatically.

SECTION 5: Firefighting measures

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



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5.2 Special hazards arising from the	e substance or mixture	
	No hazardous combustion products are known	
5.3 Advice for firefighters		
Special protective equipment : for firefighters	In the event of fire, wear self-contained breathi	ng apparatus.
Further information :	Standard procedure for chemical fires.	
6.1 Personal precautions, protectiv Personal precautions :	e equipment and emergency procedures Use personal protective equipment. Deny access to unprotected persons.	
	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 contain	inment and cleaning up	
Methods for cleaning up :	Soak up with inert absorbent material (e.g. san acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposa	
6.4 Reference to other sections For personal protection see secti	on 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 asth- ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
	Smoking, eating and drinking should be prohibited in the ap- plication area.
	Follow standard hygiene measures when handling chemical



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		products	
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	Handle in accordance with good industrial hygien practice. When using do not eat or drink. When u smoke. Wash hands before breaks and at the en	ising do not
7.2 Conditions for safe storage,	inc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ve place. Store in accordance with local regulations	
Further information on stor- age stability	:	No decomposition if stored and applied as directed	ed.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data Sheet pr use.	rior to any

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 *
acetic acid	64-19-7	TWA	10 ppm 25 mg/m3	2017/164/EU
	Further infor	mation: Indicative		
		STEL	20 ppm 50 mg/m3	2017/164/EU
		STEL	20 ppm 50 mg/m3	GB EH40
		TWA	10 ppm 25 mg/m3	GB EH40

*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

Lychade protection . Callety glasses with side shields companying to Enviro	Eye/face protection	: Safety glasses with side-shields conforming	to EN166
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Hand protection	 Eye wash bottle with pure water Chemical-resistant, impervious gloves of proved standard must be worn at all time chemical products. Reference number facturer specifications. 	nes when handling
	Suitable for short time use or protectior Butyl rubber/nitrile rubber gloves (> 0,1 Contaminated gloves should be remove Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	mm)
Skin and body protection	Protective clothing (e.g. Safety shoes a long-sleeved working clothing, long trou and protective boots are additionaly rec and stirring work.	users). Rubber aprons
Respiratory protection	: No special measures required.	
Environmental exposure co	ntrols	
General advice	 Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. 	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Appearance Colour Odour	:	liquid paste various odourless
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 (exp	losive limits
Upper explosion limit / Up- per flammability limit	•	
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable



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Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
pH	:	Not applicable	
Viscosity			
Viscosity, dynamic	:	ca. 250.000 mPa.s (20 °C)	
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies)			
Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	ca. 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

Materials to avoid	: No data available
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10.6 Hazardous decomposition Hazardous decomposition products	-	c acid	
SECTION 11: Toxicological	information	1	
11.1 Information on hazard cla	sses as defi	ned in Regulation (EC) No 1272	/2008
Acute toxicity Not classified based on ava <u>Components:</u>	lable informa	ation.	
triacetoxyethylsilane:			
Acute oral toxicity	: LD50	Oral (Rat): 1.460 mg/kg	
Hydrocarbons, C14-C18, r Acute oral toxicity	-	oalkanes, cyclics, <2% aromatic Oral (Rat): > 5.000 mg/kg	S:
Acute dermal toxicity	: LD50	Dermal (Rabbit): 3.160 mg/kg	
octamethylcyclotetrasilox	ane [D4]:		
Acute inhalation toxicity	: LC50 Expos	(Rat): 36 mg/l ure time: 4 h tmosphere: vapour	
4,5-dichloro-2-octyl-2H-iso	othiazol-3-or	ne (DCOIT):	
Acute oral toxicity	Metho	toxicity estimate: 567 mg/kg d: Acute toxicity estimate accordir 272/2008	ng to Regulation (EC)
	Metho	toxicity estimate: 567 mg/kg d: Acute toxicity estimate accordir 272/2008	ng to Regulation (EC)
Acute inhalation toxicity	Test a Metho	toxicity estimate: 0,16 mg/l tmosphere: dust/mist d: Acute toxicity estimate accordir 272/2008	ng to Regulation (EC)
	Test a Metho	toxicity estimate: 0,16 mg/l tmosphere: dust/mist d: Acute toxicity estimate accordir	ng to Regulation (EC)

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Skin corrosion/irritation	•		
Not classified based on a		oformation	
<u>Product:</u> Method		Information given is based on data obt stances.	ained from similar sub-
Result		No skin irritation	
Components:			
Hydrocarbons, C14-C18	8, n-alkan	es, isoalkanes, cyclics, <2% aromat	tics:
Assessment	:	Repeated exposure may cause skin di	ryness or cracking.
Serious eye damage/eye Not classified based on a Product:			
<u>Product:</u> Method		Information given is based on data obt	ained from similar sub
Motriod		stances.	
Result	:	No eye irritation	
Respiratory or skin sen	sitisation	I	
Skin sensitisation			
May cause an allergic ski	in reactior	1.	
Respiratory sensitisatio	on		
Not classified based on a	vailable ir	nformation.	
Germ cell mutagenicity			
Not classified based on a	vailable ir	nformation.	
Carcinogenicity			
Not classified based on a	vailable ir	nformation.	
Reproductive toxicity			
Not classified based on a	vailable ir	nformation.	
STOT - single exposure			
		nformation.	
Not classified based on a			
STOT - repeated exposu	ure		
		nformation.	
STOT - repeated exposu		nformation.	



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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:

4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT):

Toxicity to fish	LC50 (Fish): 0,0027 mg/l Exposure time: 96 h			
M-Factor (Acute aquatic tox- : icity)	100			
	100			
M-Factor (Chronic aquatic :	100			
toxicity)	100			
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 components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB)			



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Components:			
octamethylcyclotetrasiloxa	ine [D4]:	
Assessment	:	PBT substance.	
	:	vPvB substance.	
12.6 Endocrine disrupting prop	ertie	S	
Product:			
Assessment	:	The substance/mixture does not contain contendent of the substance/mixture does not contain contendent of the substance of th	es according to pated regulation
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	An environmental hazard cannot be exclud unprofessional handling or disposal. Harmful to aquatic life with long lasting effe	

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



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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 nam	ne		
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	rous go	od	
14.6 Special precautions for Not applicable	user		
14.7 Maritime transport in bu Not applicable for product		-	
SECTION 15: Regulatory i	nform	ation	

Relevant EU provisions transposed through retained EU law

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	: Not applicable
Regulation (EC) No 1005/2009 on substances that de- plete the ozone layer	: Not applicable
Volatile organic compounds : Law on the incentive (VOCV)	ax for volatile organic compounds



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	Volatile organic compounds (VOC) conte no VOC duties	nt: < 0% w/w
	Directive 2010/75/EU of 24 November 20 emissions (integrated pollution preventior Volatile organic compounds (VOC) conte	n and control)
If other regulatory information a Sheet, then it is described in the	applies that is not already provided elsewhere nis subsection.	in the Safety Data
Health, safety and environ- mental regulation/legislation specific for the substance or mixture:	 Environmental Protection Act 1990 & Sub Health and Safety at Work Act 1974 & Su Control of Substances Hazardous to Heal (COSHH) May be subject to the Control of Major Act 	ubsidiary Regulations Ith Regulations

Regulations (COMAH), and amendments.

15.2 Chemical safety assessment

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

SECTION 16: Other information

Full text of H-Statements				
H226	Flammable liquid and vapour.			
H302	Harmful if swallowed.			
H304	May be fatal if swallowed and enters airways.			
H314	Causes severe skin burns and eye damage.			
H317	May cause an allergic skin reaction.			
H318	Causes serious eye damage.			
H330	Fatal if inhaled.			
H361f	Suspected of damaging fertility.			
H400	Very toxic to aquatic life.			
H410	Very toxic to aquatic life with long lasting effects.			
Full text of other abbreviations				
Acute Tox.	Acute toxicity			
Aquatic Acute	Short-term (acute) aquatic hazard			
Aquatic Chronic	Long-term (chronic) aquatic hazard			
Asp. Tox.	Aspiration hazard			
Eye Dam.	Serious eye damage			
Flam. Liq.	Flammable liquids			
Repr.	Reproductive toxicity			
Skin Corr.	Skin corrosion			
Skin Sens.	Skin sensitisation			
2017/164/EU	Europe. Commission Directive 2017/164/EU establishing fourth list of indicative occupational exposure limit values	а		



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GB EH40		. EH40 WEL - Workplace Exposure Limits
2017/164/EU / STEL		ort term exposure limit
2017/164/EU / TWA		nit Value - eight hours
GB EH40 / TWA		ng-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL		ort-term exposure limit (15-minute reference period)
ADR		ropean Agreement concerning the International Carriage of ngerous Goods by Road
CAS	: Ch	emical Abstracts Service
DNEL	: De	rived no-effect level
EC50	: Ha	If maximal effective concentration
GHS	: Glo	bbally Harmonized System
ΙΑΤΑ	: Inte	ernational Air Transport Association
IMDG	: Inte	ernational Maritime Code for Dangerous Goods
LD50	ond	dian lethal dosis (the amount of a material, given all at ce, which causes the death of 50% (one half) of a group of t animals)
LC50	: Me air	idian lethal concentration (concentrations of the chemical in that kills 50% of the test animals during the observation riod)
MARPOL	: İnte	ernational Convention for the Prevention of Pollution from ips, 1973 as modified by the Protocol of 1978
OEL		cupational Exposure Limit
PBT		rsistent, bioaccumulative and toxic
PNEC		edicted no effect concentration
REACH		gulation (EC) No 1907/2006 of the European Parliament
NEAGH	ano istr	d of the Council of 18 December 2006 concerning the Reg- ation, Evaluation, Authorisation and Restriction of Chemi- s (REACH), establishing a European Chemicals Agency
SVHC		bstances of Very High Concern
vPvB		ry persistent and very bioaccumulative

Further information

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

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