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

### **1.1 Product identifier**

Trade name : EVERBUILD EVERFLEX Silicone 700T

### 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 Telefax E-mail address of person	:	+44 (0)1707 394444 +44 (0)1707 329129 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)							
Eye irritation, Category 2	H319: Causes serious eye irritation.						
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	May cause an allergic skin reaction.



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	H319 H412	Causes serious eye irritation. Harmful to aquatic life with long fects.	lasting ef-
Precautionary statements :	P101	If medical advice is needed, hav container or label at hand.	e product
	P102	Keep out of reach of children.	
	Prevention:		
	P261 P264 P280	Avoid breathing mist or vapours. Wash skin thoroughly after hand Wear protective gloves/ eye prot protection.	lling.
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	accordance

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

trimethoxyvinylsilane

### 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.



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# **SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
bis(ethyl acetoacetato- O1',O3)bis(2-methylpropan-1- olato)titanium Contains: 2-methylpropan-1-ol <= 2 %	83877-91-2 281-161-6 01-2119968551-31- XXXX	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) STOT SE 3; H336 (Central nervous system)	>= 2,5 - < 3
trimethoxyvinylsilane Contains: tetramethyl orthosilicate <= 0,2 %	2768-02-7 220-449-8 01-2119513215-52- XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H332 Skin Sens. 1B; H317 Acute toxicity esti- mate Acute inhalation tox- icity (vapour): 16,8 mg/l	>= 1 - < 2,5
methanol	67-56-1 200-659-6 01-2119433307-44- XXXX	Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 STOT SE 1; H370 	< 1
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	>= 0,025 - < 0,25



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PBT and vPvB substance :		
decamethylcyclopentasiloxane	541-02-6	< 1
	208-764-9	
	01-2119511367-43-	
	XXXX	
dodecamethylcyclohexasiloxane	540-97-6	< 1
	208-762-8	
	01-2119517435-42-	
	XXXX	

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.
In case of eye contact	:	Immediately flush eye(s) with plenty of water. 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 e	ffects, both acute and delayed
Symptoms	:	Allergic reactions Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms.
Risks	:	irritant effects sensitising effects
		May cause an allergic skin reaction. Causes serious eye irritation.



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4.3 Indication of any immediate m	edical attention and special treatment	needed
Treatment	Treat symptomatically.	
SECTION 5: Firefighting measu	ires	
5.1 Extinguishing media		
Suitable extinguishing media	In case of fire, use water/water spray/v ide/sand/foam/alcohol resistant foam/o extinction.	
5.2 Special hazards arising from the	ne substance or mixture	
Hazardous combustion prod- ucts	No hazardous combustion products ar	re known
5.3 Advice for firefighters		
Special protective equipment for firefighters	In the event of fire, wear self-contained	d breathing apparatus.
Further information	Standard procedure for chemical fires.	
SECTION 6: Accidental release	measures	
6.1 Personal precautions protecti	ve equipment and emergency procedu	1705
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



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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	on.
Hygiene measures	:	Handle in accordance with good industrial hy practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the	en using do not
7.2 Conditions for safe storage, i	inc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and we place. Store in accordance with local regulat	
Further information on stor- age stability	:	No decomposition if stored and applied as di	rected.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data She use.	et 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 *		
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC		
		Further information: Indicative, Identifies the possibility of signifi- cant uptake through the skin				
		TWA	200 ppm 266 mg/m3	GB EH40		
	signed substa	Further information: Can be absorbed through the skin. The as- signed substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.				
		STEL	250 ppm	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.

## Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *			
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC			
	Further infor	mation: Indicative, Id	entifies the possib	ility of signifi-			
	cant uptake	through the skin					
		TWA	200 ppm 266 mg/m3	GB EH40			
	Further infor	mation: Can be abso	rbed through the s	kin. The as-			
	signed subst	signed substances are those for which there are concerns that					
	dermal abso	rption will lead to sys	temic toxicity.				
		STEL	250 ppm 333 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.

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
methanol	Workers	Skin contact		40 mg/m3
	Exposure time: 8 h	า		
	Consumers	Skin contact		260 mg/m3
	Exposure time: 8 h	า		

### 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



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	and stirring work.	
Respiratory protection :	In case of inadequate ventilation wear respirator Respirator selection must be based on known of exposure levels, the hazards of the product and ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 pc Ensure adequate ventilation. This can be achieve exhaust extraction or by general ventilation. (EN ods for determining inhalation exposure). This a ticular to the mixing / stirring area. In case this is to keep the concentrations under the occupation limits then respiration protection measures must	r anticipated the safe work- opm red by local I 689 - Meth- pplies in par- s not sufficent nal exposure
Environmental exposure contr	ols	
General advice	Do not flush into surface water or sanitary sewer If the product contaminates rivers and lakes or c respective authorities.	-

# **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

•	intormation on basic physical	an	a chemical propert
	Physical state	:	liquid
	Appearance	:	paste
	Colour		grey, white
	Coloui	•	groy, write
	Odour	:	alcohol-like
	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 e	exp	losive limits
	Upper explosion limit / Up- per flammability limit	:	No data available
	Lower explosion limit / Lower flammability limit	:	No data available
	Flach point		Not applicable

Upper explosion limit / Up- per flammability limit	:	No data available
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	
рН	:	Not applicable	
Viscosity			
Viscosity, dynamic	:	160.000 - 330.000 mPa.s (15 - 20 °C)	
Viscosity, kinematic	:	>= 30 mm2/s (40 °C)	
Solubility(ies)			
Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	1,35 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



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Hazardous reactions	: No hazards to be specially mentioned.	
<b>10.4 Conditions to avoid</b> Conditions to avoid	: No data available	
<b>10.5 Incompatible materials</b> Materials to avoid	: No data available	
10.6 Hazardous decomposition	roducts	
Hazardous decomposition products	: methanol	

# **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.

### **Components:**

### trimethoxyvinylsilane:

Acute oral toxicity	:	LD50 Oral (Rat): ca. 7.120 mg/kg		
Acute inhalation toxicity	:	LC50: ca. 16,8 mg/l Exposure time: 4 h Test atmosphere: vapour		
		Acute toxicity estimate: 16,8 mg/l Test atmosphere: vapour Method: Calculation method		
Acute dermal toxicity	:	LD50: 3.540 mg/kg		
octamethylcyclotetrasiloxane [D4]:				
Acute inhalation toxicity	:	LC50 (Rat): 36 mg/l		

#### Acute inhalation toxicity : LC50 (Rat): 36 mg/l Exposure time: 4 h Test atmosphere: vapour

### Skin corrosion/irritation

Not classified based on available information.

### Serious eye damage/eye irritation

Causes serious eye irritation.



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#### Respiratory or skin sensitisation

## Skin sensitisation

May cause an allergic skin reaction.

### **Respiratory sensitisation**

Not classified based on available information.

#### 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.

## **SECTION 12: Ecological information**

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available



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12.5 Results of PBT and vPvB as	sses	ssment	
Product:			
Assessment	:	This substance/mixture contains compone be either persistent, bioaccumulative and persistent and very bioaccumulative (vPvE	toxic (PBT), or very
Components:			
octamethylcyclotetrasiloxar	ne [l	D4]:	
Assessment	:	PBT substance.	
	:	vPvB substance.	
12.6 Endocrine disrupting prope	ertie	S	
<b>–</b> • ·			
Product:			
<u>Product:</u> Assessment	:	The substance/mixture does not contain c ered to have endocrine disrupting properti REACH Article 57(f) or Commission Deleg (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	es according to gated regulation
Assessment	:	ered to have endocrine disrupting properti REACH Article 57(f) or Commission Deleg (EU) 2017/2100 or Commission Regulatio	es according to gated regulation
	:	ered to have endocrine disrupting properti REACH Article 57(f) or Commission Deleg (EU) 2017/2100 or Commission Regulatio	es according to gated regulation

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.
	European Waste Catalogue	:	08 04 09* waste adhesives and sealants containing organic



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		solvents or other dangerous substances	
Contaminated packaging	:	15 01 10* packaging containing residues of or c by dangerous substances	ontaminated

## **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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International Chemical Weapons Schedules of Toxic Chemicals a		
Regulation (EC) No 1005/2009 c plete the ozone layer	on substances that de- : Not applicable	
GB Export and import of hazardo Informed Consent (PIC) Regulat		
Volatile organic compounds :	(VOCV) Volatile organic compounds (VOC) conten no VOC duties Directive 2010/75/EU of 24 November 201 emissions (integrated pollution prevention	nt: 0,2% w/w 10 on industrial and control)
If other regulatory information ap Sheet, then it is described in this	Volatile organic compounds (VOC) conten oplies that is not already provided elsewhere subsection.	

Health, safety and environ-	: Environmental Protection Act 1990 & Subsidiary Regulations
mental regulation/legislation	Health and Safety at Work Act 1974 & Subsidiary Regulations
specific for the substance or	Control of Substances Hazardous to Health Regulations
mixture:	(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

H225	: Highly flammable liquid and vapour.
H226	: Flammable liquid and vapour.
H301	: Toxic if swallowed.
H311	: Toxic in contact with skin.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H331	: Toxic if inhaled.
H332	: Harmful if inhaled.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.



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H361f	:	Suspected of damaging fertility.	
H370	÷	Causes damage to organs.	
H410	÷	Very toxic to aquatic life with long lasting effects.	
Full text of other abbreviati	ons		
Acute Tox.	:	Acute toxicity	
Aquatic Chronic	:	Long-term (chronic) aquatic hazard	
Eye Dam.	:	Serious eye damage	
Flam. Liq.	:	Flammable liquids	
Repr.	:	Reproductive toxicity	
Skin Irrit.	:	Skin irritation	
Skin Sens.	:	Skin sensitisation	
STOT SE	:	Specific target organ toxicity - single exposure	
2006/15/EC	:	Europe. Indicative occupational exposure limit va	alues
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits	
2006/15/EC / TWA	:	Limit Value - eight hours	
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference	period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference p	
ADR	:	European Agreement concerning the Internation	
		Dangerous Goods by Road	5
CAS	:	Chemical Abstracts Service	
DNEL	:	Derived no-effect level	
EC50	:	Half maximal effective concentration	
GHS	:	Globally Harmonized System	
ΙΑΤΑ	:	International Air Transport Association	
IMDG	:	International Maritime Code for Dangerous Good	ls
LD50	:	Median lethal dosis (the amount of a material, give	
		once, which causes the death of 50% (one half)	
LC50		test animals) Median lethal concentration (concentrations of th	e chemical in
2000	·	air that kills 50% of the test animals during the ol	
		period)	
MARPOL		International Convention for the Prevention of Po	allution from
MART OE	·	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 European	Parliament
RE/(OIT	·	and of the Council of 18 December 2006 concern	
		istration, Evaluation, Authorisation and Restrictio	5
		cals (REACH), establishing a European Chemica	
SVHC		Substances of Very High Concern	alo , igorioy
vPvB	÷	Very persistent and very bioaccumulative	
	•	, , , , , , , , , , , , , , , , , , , ,	
Further information			
Classification of the mixtur	e:	Classification procedu	ıre:
Eye Irrit. 2	H3	Calculation method	
Skin Sens. 1	H3	Calculation method	
Aquatic Chronic 3	H4	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