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

#### **1.1 Product identifier**

Trade name : EV

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	:	+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)

Eye irritation, Category 2

H319: Causes serious eye irritation.

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 H319	May cause an allergic skin reaction. Causes serious eye irritation.



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Precautionary statements :	P101 P102	If medical advice is needed, hav container or label at hand. Keep out of reach of children.	ve product
	<b>Prevention:</b> P261 P264 P280	Avoid breathing mist or vapours Wash skin thoroughly after han Wear protective gloves/ eye pro protection.	dling.
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	n accordance

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

trimethoxyvinylsilane

### 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

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
bis(ethyl acetoacetato-	83877-91-2	Flam. Liq. 3; H226	>= 2,5 - < 3
O1',O3)bis(2-methylpropan-1-	281-161-6	Skin Irrit. 2; H315	
olato)titanium	01-2119968551-31-	Eye Dam. 1; H318	
Contains:	XXXX	STOT SE 3; H335	
2-methylpropan-1-ol <= 2 %		(Respiratory system)	
		STOT SE 3; H336	
		(Central nervous	
		system)	



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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 	>= 0,1 - < 0,5

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 attendan	ce.
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 immediate</li> <li>Wash off with soap and plenty of water.</li> <li>If symptoms persist, call a physician.</li> </ul>	ly.
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	<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 per</li> </ul>	son.



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#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	Allergic reactions Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms.
Risks	:	May cause an allergic skin reaction. Causes serious eye irritation.
		irritant effects sensitising effects
4.3 Indication o	f any immediate med	lical attention and special treatment needed
Treatment	:	Treat symptomatically.

### **SECTION 5: Firefighting measures**

<b>5.1 Extinguishing media</b> 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.
5.2 Special hazards arising from	the	e substance or mixture
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Standard procedure for chemical fires.

# **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.			



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# 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, i	incl	uding any incompatibilities
	Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Store in accordance 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)	:	Consult most current local Product Data Sheet prior to any use.



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### **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 *		
		or exposure)	leis			
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC		
	Further inform	Further information: Indicative, Identifies the				
	cant uptake t	cant uptake through the skin				
		TWA	200 ppm	GB EH40		
			266 mg/m3			
	Further inform	Further information: Can be absorbed through the skin. T				
	signed substa	signed substances are those for which there are concerns the				
	dermal absor	dermal absorption will lead to systemic toxicity.				
		STEL	250 ppm	GB EH40		
			333 mg/m3			

\*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	Control parame- ters *	Basis *	
		of exposure)	lers		
methanol	67-56-1	TWA	200 ppm	2006/15/EC	
			260 mg/m3		
	Further inform	Further information: Indicative, Identifies the poss		ibility of signifi-	
	cant uptake t	cant uptake through the skin			
		TWA 200 ppm		GB EH40	
			266 mg/m3		
	Further inform	nation: Can be abso	rbed through the s	kin. The as-	
	signed substa	signed substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
	dermal absor				
		STEL	250 ppm	GB EH40	
			333 mg/m3		

\*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 I	า			
	Consumers	Skin contact		260 mg/m3	
	Exposure time: 8 h				

#### 8.2 Exposure controls

#### **Engineering measures**

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

#### Personal protective equipment



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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 proved standard must be worn at all times when hand chemical products. Reference number EN 374. Follow facturer specifications.		when handling	
		Suitable for short time use or protection aga 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 long-sleeved working clothing, long trousers and protective boots are additionally recommend and stirring work.	s). Rubber aprons
Respiratory protection	:	In case of inadequate ventilation wear resp Respirator selection must be based on know exposure levels, the hazards of the product ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10 Ensure adequate ventilation. This can be a exhaust extraction or by general ventilation ods for determining inhalation exposure). T ticular to the mixing / stirring area. In case to to keep the concentrations under the occup limits then respiration protection measures	wn or anticipated t and the safe work- 000 ppm chieved by local . (EN 689 - Meth- his applies in par- this is not sufficent bational exposure
Environmental exposure c	ontro	bls	
Concreteduise		De net fluch inte surface water er ceniter (	

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	:	liquid paste various
Odour	:	slight

Melting point/range / Freezing : No data available



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point			
Boiling point/boiling range	:	No data available	
Flammability (solid, gas)	:	No data available	
Upper/lower flammability or	evr	olosive limits	
Upper explosion limit / Upper flammability limit	-		
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	> 61 °C	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture is non-soluble (in water)	
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	



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Particle characteristics	: No data available	
9.2 Other information		
No data available		
SECTION 10: Stability and re	ctivity	
10.1 Reactivity		
No dangerous reaction know	under conditions of normal use.	
10.2 Chemical stability		
The product is chemically sta	e.	
10.3 Possibility of hazardous re	ctions	
Hazardous reactions	: No hazards to be specially mention	oned.
10.4 Conditions to avoid		
Conditions to avoid	: No data available	
10.5 Incompatible materials		
Materials to avoid	: No data available	
10.6 Hazardous decomposition	roducts	
Hazardous decomposition products	: methanol	
SECTION 11: Toxicological i	ormation	
11.1 Information on hazard clas	es as defined in Regulation (EC) No	1272/2008
Acute toxicity		

Not classified due to lack of data.

### 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



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	Method: Calculation method			
Acute dermal toxicity :	LD50: 3.540 mg/kg			
Skin corrosion/irritation Not classified due to lack of data.				
Causes serious eye irritation.	-			
Respiratory or skin sensitisation	'n			
<b>Skin sensitisation</b> May cause an allergic skin reaction	on.			
Respiratory sensitisation Not classified due to lack of data.				
Germ cell mutagenicity Not classified due to lack of data.				
<b>Carcinogenicity</b> Not classified due to lack of data.				
<b>Reproductive toxicity</b> Not classified due to lack of data.				
<b>STOT - single exposure</b> Not classified due to lack of data.				
<b>STOT - repeated exposure</b> Not classified due to lack of data.				
Aspiration toxicity Not classified due to lack of data.				
11.2 Information on other hazards				
Endocrine disrupting propertie	s			
Product:				
Assessment :	The substance/mixture does not contain of ered to have endocrine disrupting propert REACH Article 57(f) or Commission Deleg (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	ies according to gated regulation		

# **SECTION 12: Ecological information**

# 12.1 Toxicity



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<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 asse	essment	
Product:		
Assessment :	This substance/mixture contains no comporto be either persistent, bioaccumulative and very persistent and very bioaccumulative (v 0.1% or higher	l toxic (PBT), or
12.6 Endocrine disrupting propertie	es	
Product:		
Assessment :	The substance/mixture does not contain con- ered to have endocrine disrupting properties REACH Article 57(f) or Commission Delega (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	s according to ted regulation
12.7 Other adverse effects		
Product: Additional ecological infor- : mation	There is no data available for this product.	

# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product
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:	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.



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#### **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

UK REACH List of restrictions (Annex 17)	:	Not applicable

UK REACH Candidate list of substances of very high : Not applicable



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concern (SVHC) for Authorisati	on	
The Persistent Organic Polluta Regulation (EU) 2019/1021 as ain)		
International Chemical Weapor Schedules of Toxic Chemicals		
Regulation (EC) No 1005/2009 plete the ozone layer	on substances that de- : Not applicable	
UK REACH List of substances (Annex XIV)	subject to authorisation : Not applicable	
GB Export and import of hazard Informed Consent (PIC) Regula		
Control of Major Accident Haza 2015 (COMAH)	ards Regulations Not applicable	
Volatile organic compounds	<ul> <li>Law on the incentive tax for volatile organic (VOCV)</li> <li>Volatile organic compounds (VOC) content: no VOC duties</li> </ul>	
	Directive 1999/13/EC Volatile organic compounds (VOC) content: VOC content valid only for coating materials surfaces Directive 2010/75/EU of 24 November 2010 emissions (integrated pollution prevention ar Volatile organic compounds (VOC) content:	used on wood on industrial nd control)

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

<ul> <li>Environmental Protection Act 1990 &amp; Subsidiary Regulations Health and Safety at Work Act 1974 &amp; Subsidiary Regulations Control of Substances Hazardous to Health Regulations (COSHH) May be subject to the Control of Major Accident Hazards</li> </ul>
Regulations (COMAH), and amendments.

#### Other regulations:



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relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

### 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.		
H370 :	Causes damage to organs.		
Full text of other abbreviations			
Acute Tox. :	Acute toxicity		
Eye Dam. :	Serious eye damage		
Flam. Liq.	Flammable liquids		
Skin Irrit.	Skin irritation		
Skin Sens. :	Skin sensitisation		
STOT SE :	Specific target organ toxicity - single exposure		
2006/15/EC :	Europe. Indicative occupational exposure limit values		
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 period)		
ADR :	European Agreement concerning the International Carriage of		
CAS :	Dangerous Goods by Road 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 Dangerous Goods		
LD50	Median lethal dosis (the amount of a material, given all at		
	once, which causes the death of 50% (one half) of a group of test animals)		



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LC50	:	Median lethal concentration (concentrations of	
		air that kills 50% of the test animals during the period)	observation
MARPOL	:	International Convention for the Prevention of F	Pollution from
		Ships, 1973 as modified by the Protocol of 197	8
OEL	:	Occupational Exposure Limit	
PBT	:	Persistent, bioaccumulative and toxic	
PNEC	:	Predicted no effect concentration	
REACH	:	Regulation (EC) No 1907/2006 of the Europear	n Parliament
		and of the Council of 18 December 2006 conce	erning the Reg-
		istration, Evaluation, Authorisation and Restrict	5
		cals (REACH), establishing a European Chemi	
SVHC	:	Substances of Very High Concern	3
vPvB	:	Very persistent and very bioaccumulative	
Further information			

Classification of th	e mixture:	Classification procedure:
Eye Irrit. 2	H319	Calculation method
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