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

#### **1.1 Product identifier**

Trade name

EVERBUILD TECNIC HYBRIFLEX 55

#### 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- 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 ef- fects.



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

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

trimethoxyvinylsilane N-(3-(trimethoxysilyl)propyl)ethylenediamine Pentamethyl piperidylsebacate

#### 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

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
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	>= 2,5 - < 5
Pentamethyl piperidylsebacate Contains: bis(1,2,2,6,6-pentamethyl-4- piperidyl) sebacate methyl 1,2,2,6,6-pentamethyl-4- piperidyl sebacate	1065336-91-5 915-687-0 01-2119491304-40- XXXX	Skin Sens. 1A; H317 Repr. 2; H361f Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 0,25 - < 1
N-(3- (trimethoxysi- lyl)propyl)ethylenediamine Contains: N,N'-bis[3- (trimethoxysi- lyl)propyl]ethylenediamine <= 3 % 1-(2-Aminoethyl)-2,2-dimethoxy-1- aza-2-silacyclopentane <= 3 %	1760-24-3 217-164-6 01-2119970215-39- XXXX	Eye Dam. 1; H318 Skin Sens. 1B; H317 STOT SE 3; H335 (Respiratory system)	< 1



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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 specific concentration limit STOT SE 1; H370 >= 10 % STOT SE 2; H371 3 - < 10 %	< 1	

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 :	:	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	l e	ffects, 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.



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4.3 Indication of any immediate m	nec	dical attention and special treatment need	led
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	ur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water ide/sand/foam/alcohol resistant foam/chem extinction.	
5.2 Special hazards arising from t	the	e substance or mixture	
Hazardous combustion prod- ucts	:	No hazardous combustion products are known	own
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained bre	athing apparatus.
Further information	:	Standard procedure for chemical fires.	
SECTION 6: Accidental release	e r	neasures	
6.1 Personal precautions, protect	ive	e 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 s If the product contaminates rivers and lakes 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	:	Avoid exceeding the given occupational exp 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 p ma, allergies, chronic or recurrent respirator not be employed in any process in which this used. Smoking, eating and drinking should be pro- plication area. Follow standard hygiene measures when has products	broblems or asth- ry disease should s mixture is being hibited in the ap-
Advice on protection against fire and explosion	:	Normal measures for preventive fire protect	ion.
Hygiene measures	:	Handle in accordance with good industrial h practice. When using do not eat or drink. W smoke. Wash hands before breaks and at th	hen using 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 w place. Store in accordance with local regula	
Further information on stor- age stability	:	No decomposition if stored and applied as o	lirected.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data Shouse.	eet 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 inform	ation: Indicative, Ide	entifies the possibi	lity of signifi-
	cant uptake th	rough the skin		
		TWA	200 ppm 266 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The as- signed substances are those for which there are concerns that			kin. The as-
	dermal absorption will lead to systemic toxicity.			
		STEL	250 ppm	GB EH40



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			333 mg/m3	
*The above mentioned values are in acc	cordance with the	e legislation in eff	ect at the date of the	e re-
lease 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 inform	nation: Indicative, Ide	entifies the possib	ility of signifi-		
	cant uptake th	cant uptake through the skin				
		TWA	200 ppm 266 mg/m3	GB EH40		
	Further inform	Further information: Can be absorbed through the skin. The as-				
	signed substa	signed substances are those for which there are concerns that				
	dermal absor	dermal absorption will lead to systemic 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		
	Consumers	Skin contact		260 mg/m3
	Exposure time: 8 I	h		

#### 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	<ul> <li>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.</li> <li>organic vapor filter (Type A)</li> <li>A1: &lt; 1000 ppm; A2: &lt; 5000 ppm; A3: &lt; 10000 per should be achieved and the selected respirator.</li> <li>Output the selected</li></ul>	r anticipated the safe work- ppm ved by local I 689 - Meth- pplies in par- s not sufficent nal exposure
Environmental exposure contr	ols	
General advice	<ul> <li>Do not flush into surface water or sanitary sewe If the product contaminates rivers and lakes or or respective authorities.</li> </ul>	-

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

### 9.1 Information on basic physical and chemical properties

	u	
Physical state	:	liquid
Appearance	:	paste
Colour	:	green
Odour	:	slight
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

Flash point	:	Not ap



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Auto-ignition temperature	No data available	
Decomposition temperature	No data available	
рН	Not applicable	
Viscosity Viscosity, kinematic	: > 20,5 mm2/s (40 °C)	
<b>Solubility(ies)</b> Water solubility	insoluble	
Partition coefficient: n- octanol/water	No data available	
Vapour pressure	: 0,01 hPa	
Density	: ca. 1,49 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.



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: No data available	
: No data available	
products	
: methanol	
	<ul> <li>No data available</li> <li>No data available</li> <li>products</li> </ul>

# **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		
Pentamethyl piperidylsebad	cate	:		
Acute oral toxicity	:	LD50 Oral (Rat): 3.230 mg/kg		
N-(3-(trimethoxysilyl)propyl	l)eth	ylenediamine:		
Acute oral toxicity	:	LD50 Oral (Rat): 2.995 mg/kg		
Skin corrosion/irritation				
Not classified based on available information.				
Serious eye damage/eye irr	itati	ion		

Not classified based on available information.



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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

#### Components:

#### Pentamethyl piperidylsebacate:

Toxicity to fish	:	LC50 (Fish): 0,97 mg/l Exposure time: 96 h
M-Factor (Acute aquatic tox- icity)	:	1
M-Factor (Chronic aquatic	:	1



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toxicity)		
12.2 Persistence and degradability 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 comport to be either persistent, bioaccumulative and very persistent and very bioaccumulative (v 0.1% or higher	toxic (PBT), or
12.6 Endocrine disrupting properti	es	
Product:		
Assessment :	The substance/mixture does not contain co ered to have endocrine disrupting propertie REACH Article 57(f) or Commission Delega (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	s according to ated regulation
12.7 Other adverse effects		
Product:		
Additional ecological infor- : mation	An environmental hazard cannot be exclude unprofessional handling or disposal. Harmful to aquatic life with long lasting effe	
SECTION 13: Disposal consider	ations	
13.1 Waste treatment methods		
Product :	The generation of waste should be avoided wherever possible. Empty containers or liners may retain some This material and its container must be disp	e product residues.

way.

protection and waste disposal legislation and any regional



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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	:	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	goc	bd			

# 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 Weapon Schedules of Toxic Chemicals a					
Regulation (EC) No 1005/2009 on substances that de- : Not applicable plete the ozone layer					
	GB Export and import of hazardous chemicals - Prior : Not applicable Informed Consent (PIC) Regulation				
Volatile organic compounds :	<ul> <li>Law on the incentive tax for volatile organic co (VOCV)</li> <li>Volatile organic compounds (VOC) content: 0,7 no VOC duties</li> <li>Directive 2010/75/EU of 24 November 2010 or emissions (integrated pollution prevention and Volatile organic compounds (VOC) content: 0,7</li> </ul>	2% w/w n industrial control)			
If other regulatory information a Sheet, then it is described in this	oplies that is not already provided elsewhere in th s subsection.	e Safety Data			
Health, safety and environ- mental regulation/legislation	: Environmental Protection Act 1990 & Subsidia Health and Safety at Work Act 1974 & Subsidia				

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.
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.
H361f	:	Suspected of damaging fertility.
H370	:	Causes damage to organs.
H400	:	Very toxic to aquatic life.



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H410	:	Very toxic to aquatic life with long lasting effects.			
Full text of other abbreviations					
Full text of other abbreviation Acute Tox. Aquatic Acute Aquatic Chronic Eye Dam. Flam. Liq. Repr. Skin Sens. STOT SE 2006/15/EC GB EH40 2006/15/EC / TWA GB EH40 / TWA	ons : : : : : : : : : : : : : : : : : : :	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Flammable liquids Reproductive toxicity Skin sensitisation Specific target organ toxicity - single exposure Europe. Indicative occupational exposure limit values UK. EH40 WEL - Workplace Exposure Limits Limit Value - eight hours Long-term exposure limit (8-hour TWA reference period)			
GB EH40 / STEL ADR	:	Short-term exposure limit (15-minute reference period) European Agreement concerning the International Carriage of Dangerous Goods by Road			
CAS DNEL EC50 GHS IATA IMDG LD50		Chemical Abstracts Service Derived no-effect level Half maximal effective concentration Globally Harmonized System International Air Transport Association International Maritime Code for Dangerous Goods Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of			
LC50	:	test animals) Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)			
MARPOL	:	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978			
OEL PBT PNEC REACH	: :	Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi- cals (REACH), establishing a European Chemicals Agency			
SVHC vPvB	:	Substances of Very High Concern Very persistent and very bioaccumulative			
Further information					

### Further information

Classification of the mi	ixture:	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