

Date of last issue: 16.06.2023	Version 10.2	Print Date 29.02.2024
Revision Date: 25.01.2024		

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

#### **1.1 Product identifier**

Trade name EVERBUILD TECNIC HYBRIFLEX SMP

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

Product use : Sealant/adhesive, For professional users only.

#### 1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Limited Watchmead Welwyn Garden City
Tolonhono		Hertfordshire. AL7 1BQ +44 (0)1707 394444
Telephone	•	
Telefax	:	+44 (0)1707 329129
E-mail address of person responsible for the SDS	:	EHS@uk.sika.com

#### 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 nictograms

Hazard pictograms		
Signal word	: Warning	
Hazard statements	: H317 H412	May cause an allergic skin reaction. Harmful to aquatic life with long lasting ef- fects.



Date of last issue: 16.06.2023 Revision Date: 25.01.2024	Version 10.2	Print Date 29.02.2024

Precautionary statements :	<b>Prevention:</b> 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

#### **Additional Labelling**

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

#### 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.



Date of last issue: 16.06.2023 Revision Date: 25.01.2024 Version 10.2

Print Date 29.02.2024

## **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	>= 1 - < 2,5
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
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



Date of last issue: 16.06.2023	Version 10.2	Print Date 29.02.2024	
Revision Date: 25.01.2024			
Substances with a workplace ex	xposure limit ·	1	
Titanium dioxide (> 10 µm)	13463-67-7	>= 1 - < 2,5	
	236-675-5		
	01-2119489379-17-		
	XXXX		

For explanation of abbreviations see section 16.

### **SECTION 4: First aid measures**

4.1 Description of first aid meas	ure	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 a	nd e	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	meo	dical attention and special treatment needed
Treatment	:	Treat symptomatically.



Date of last issue: 16.06.2023 Revision Date: 25.01.2024	Version 10.2	Print Date 29.02.2024
SECTION 5: Firefighting measu	ires	
5.1 Extinguishing media		
Suitable extinguishing media	<ul> <li>In case of fire, use water/water spray/w ide/sand/foam/alcohol resistant foam/c extinction.</li> </ul>	
5.2 Special hazards arising from t	he substance or mixture	
Hazardous combustion prod- ucts	: No hazardous combustion products are	e 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	res
Personal precautions	: Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions		
Environmental precautions	· Do not flush into surface water or sanit	arv sewer system

# 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

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.



Date of last issue: 16.06.2023 Revision Date: 25.01.2024		Version 10.2	Print Date 29.02.2024
		Persons with a history of skin sensitisation prof ma, allergies, chronic or recurrent respiratory of not be employed in any process in which this n used. Smoking, eating and drinking should be prohib plication area. Follow standard hygiene measures when hand products	lisease should nixture is being ited in the ap-
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection	
Hygiene measures	:	Handle in accordance with good industrial hygi practice. When using do not eat or drink. Wher smoke. Wash hands before breaks and at the o	n 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 well- place. Store in accordance with local regulation	
Further information on stor- age stability	:	No decomposition if stored and applied as dire	cted.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data Sheet use.	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 *	
Titanium dioxide (> 10 μm)	13463-67-7	TWA (inhalable dust)	10 mg/m3	GB EH40	
		TWA (Respirable dust)	4 mg/m3	GB EH40	
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC	
		Further information: Indicative, Identifies the possibility of cant uptake through 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 dermal absorption will lead to systemic toxicity.			
		STEL 250 ppm GE			



Date of last issue: 16.06.2023
Revision Date: 25.01.2024

Version 10.2

Print Date 29.02.2024

			333 mg/m3	
*The above mentioned values are in acc	cordance with the	e legislation in effe	ct 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 2006/15/E 260 mg/m3			
	Further inform	ation: Indicative, Identifies the possibility of signifi-				
	cant uptake th	cant uptake through the skin				
		TWA 200 ppm GB EH40 266 mg/m3				
	Further inform	rbed through the s	ed through the skin. The as-			
	signed substa	inces are those for w	which there are co	ncerns that		
	dermal absorp	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 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	<ul> <li>Safety glasses with side-shields conforming to EN166</li> <li>Eye wash bottle with pure water</li> </ul>
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer 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



Date of last issue: 16.06.2023 Revision Date: 25.01.2024	Version 10.2	Print Date 29.02.2024
	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 Ensure adequate ventilation. This can be achie exhaust extraction or by general ventilation. (EN ods for determining inhalation exposure). This a ticular to the mixing / stirring area. In case this i to keep the concentrations under the occupatio limits then respiration protection measures must	ppm ved by local N 689 - Meth- applies in par- s not sufficent nal exposure
Environmental exposure cont	rols	
General advice	: Do not flush into surface water or sanitary sewer If the product contaminates rivers and lakes or respective authorities.	-

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

#### 9.1 Information on basic physical and chemical properties

-	Physical state Appearance Colour	:	liquid paste white
	Odour	:	sweet
	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 naint		Not oppliaable



Date of last issue: 16.06.2023 Revision Date: 25.01.2024	Version 10.2	Print Date 29.02.2024
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. 1,4 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.



Date of last issue: 16.06.2023 Revision Date: 25.01.2024	Version 10.2	Print Date 29.02.2024
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 p	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			
Pentamethyl piperidylsebacate:					
Acute oral toxicity	:	LD50 Oral (Rat): 3.230 mg/kg			
N-(3-(trimethoxysilyl)propy	l)eth	ylenediamine:			
Acute oral toxicity	:	LD50 Oral (Rat): 2.995 mg/kg			
Skin corrosion/irritation					
Not classified based on availa	able	information.			
Sorious ava damaga/ava irr	itati	ion			

## Serious eye damage/eye irritation

Not classified based on available information.



Date of last issue: 16.06.2023 Revision Date: 25.01.2024 Version 10.2

Print Date 29.02.2024

#### 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



Date of last issue: 16.06.2023 Revision Date: 25.01.2024		Version 10.2	Print Date 29.02.202
toxicity)			
<b>12.2 Persistence and degradabili</b> No data available	ty		
<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 as	se	ssment	
Product:			
Assessment	:	This substance/mixture contains no compone to be either persistent, bioaccumulative and to very persistent and very bioaccumulative (vP 0.1% or higher	oxic (PBT), or
12.6 Endocrine disrupting prope	rtie	s	
Product:			
Assessment	:	The substance/mixture does not contain comered to have endocrine disrupting properties a REACH Article 57(f) or Commission Delegate (EU) 2017/2100 or Commission Regulation (Elevels of 0.1% or higher.	according to ed regulation
12.7 Other adverse effects			
Product: Additional ecological infor- mation	:	An environmental hazard cannot be excluded unprofessional handling or disposal. Harmful to aquatic life with long lasting effects	
SECTION 13: Disposal consid	era		
13.1 Waste treatment methods			
Product	:	The generation of waste should be avoided o wherever possible. Empty containers or liners may retain some p	

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



Date of last issue: 16.06.2023	
Revision Date: 25.01.2024	

Version 10.2

Print Date 29.02.2024

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 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



Date of last issue: 16.06.2023 Revision Date: 25.01.2024	Version 1	0.2		Print Date 29.02.2024
UK REACH Candidate list of subs concern (SVHC) for Authorisation		:	Not applicable	
The Persistent Organic Pollutants Regulation (EU) 2019/1021 as am ain)		:	Not applicable	
International Chemical Weapons		:	Not applicable	
Regulation (EC) No 1005/2009 or plete the ozone layer	n substances that de-	:	Not applicable	
UK REACH List of substances su (Annex XIV)	bject to authorisation	:	Not applicable	
GB Export and import of hazardou Informed Consent (PIC) Regulation		:	Not applicable	
Volatile organic compounds :	(VOCV) Volatile organic compo no VOC duties Directive 2010/75/EU o emissions (integrated p	ouno of 2 poll	or volatile organic compo ds (VOC) content: 0,2% 4 November 2010 on inc ution prevention and cor ds (VOC) content: 0,2%	w/w dustrial htrol)
If other regulatory information app Sheet, then it is described in this s		oro	vided elsewhere in the S	afety Data
Health, safety and environ- : mental regulation/legislation specific for the substance or mixture:	Health and Safety at W Control of Substances (COSHH)	Vorł Ha Cor	Act 1990 & Subsidiary R Act 1974 & Subsidiary zardous to Health Regul htrol of Major Accident H	Regulations ations

#### 15.2 Chemical safety assessment

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

Regulations (COMAH), and amendments.



Date of last issue: 16.06.2023 Revision Date: 25.01.2024 Version 10.2

Print Date 29.02.2024

## **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.
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
Flam. Liq.	:	Flammable liquids
Repr.	:	Reproductive toxicity
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
		Dangerous Goods by Road
CAS	:	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)
LC50	:	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	:	Occupational Exposure Limit
PBT	:	Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration



Date of last issue: 16.06.2023 Revision Date: 25.01.2024	١	/ersion 10.2	Print Date 29.02.2024			
REACH	and of the Co istration, Eval	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	: Substances o	Substances of Very High Concern				
vPvB	: Very persister	Very persistent and very bioaccumulative				
Further information						
Classification of the mixtu	ire:	Classification proc	edure:			
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 !

GB / EN