

Revision Date: 23.04.2024	Version 4.0	Print Date 28.03.2025
Date of last issue: 17.11.2022		

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

## **1.1 Product identifier**

Trade name

 EVERBUILD EVERFLEX PREMIUM+ 565 Clean Room Silicone

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

Product use	:	Sealant/adhesive
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## 1.3 Details of the supplier of the safety data sheet

Company name of supplier	: Sika Ireland Ltd Sika House
	Ballymun Industrial Estate Dublin 11
Telephone	: +353 1862 0709
E-mail address of person responsible for the SDS	: EHS@UK.Sika.com

## **1.4 Emergency telephone number**

National Poisons Information Centre (NPIC) (01) 809 2166 (available 8am - 10pm every day)

Sika Ireland (01) 862 0709 (available during office hours)

## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 127	72/2008)
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1 Long-term (chronic) aquatic hazard, Cat- egory 3	H317: May cause an allergic skin reaction. H412: Harmful to aquatic life with long lasting effects.

## 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



# cone

Revision Date: 23.04.2024 Date of last issue: 17.11.2022		Version 4.0	Print Date 28.03.2025
Hazard pictograms :			
Signal word :	Warning		
Hazard statements :	H319	May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lastin	g effects.
Precautionary statements :	<b>Prevention:</b> P261 P273 P280	Avoid breathing mist or vapours. Avoid release to the environmen Wear protective gloves/ eye prot protection.	t.
	Response:		
	P333 + P313	If skin irritation or rash occurs: G advice/ attention.	et medical
	P337 + P313	If eye irritation persists: Get med attention.	ical advice/
	P362 + P364	Take off contaminated clothing a before reuse.	ind wash it

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

trimethoxyvinylsilane

#### **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.



Revision Date: 23.04.2024 Date of last issue: 17.11.2022 Version 4.0

Print Date 28.03.2025

## **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
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)	>= 1 - < 2,5
p-[(diiodomethyl)sulphonyl]toluene	20018-09-1 243-468-3	Acute Tox. 3; H331 Eye Dam. 1; H318 STOT RE 2; H373 (Liver, Thyroid) Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,25 - < 0,5
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



# cone

Revision Date: 23.04.2024 Date of last issue: 17.11.2022	Version 4.0	Print Date 28.03.202	
Substances with a workplace e	xposure limit :		
Titanium dioxide (> 10 μm)	13463-67-7 236-675-5 01-2119489379-17- XXXX	>= 2,5 - < 5	
For explanation of abbreviation	s see section 16.		
SECTION 4: First aid measures	5		

#### 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 5 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. 2 Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. If swallowed Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. 4.2 Most important symptoms and effects, both acute and delayed Allergic reactions Symptoms : Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms. Risks 5 irritant effects sensitising effects 4.3 Indication of any immediate medical attention and special treatment needed : Treat symptomatically. Treatment



Revision Date: 23.04.2024 Date of last issue: 17.11.2022	Version 4.0	Print Date 28.03.202
SECTION 5: Firefighting measu	IFOC	
SECTION 5. Firenginning measu		
5.1 Extinguishing media		
Suitable extinguishing media	In case of fire, use water/water spray/wa ide/sand/foam/alcohol resistant foam/cho extinction.	
5.2 Special hazards arising from t	ne 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 b	preathing apparatus.
Further information	Standard procedure for chemical fires.	
Personal precautions, protections	ve equipment and emergency procedure Use personal protective equipment. Deny access to unprotected persons.	S.
6.2 Environmental precautions		
Environmental precautions	Do not flush into surface water or sanital If the product contaminates rivers and la respective authorities.	
6.3 Methods and material for cont	ainment and cleaning up	
Methods for cleaning up	Soak up with inert absorbent material (e acid binder, universal binder, sawdust). Keep in suitable, closed containers for d	
6.4 Reference to other sections		
For personal protection see sec	tion 8.	
SECTION 7: Handling and stor	age	
7.1 Precautions for safe handling		
Advice on safe handling	Avoid exceeding the given occupational	exposure limits (see

For personal protection see section 8.



## cone

Revision Date: 23.04.2024 Date of last issue: 17.11.2022		Version 4.0	Print Date 28.03.2025
		Persons with a history of skin sensitisation ma, allergies, chronic or recurrent respirat not be employed in any process in which t used. Smoking, eating and drinking should be pr plication area. Follow standard hygiene measures when products	ory disease should his mixture is being rohibited in the ap-
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection	ction.
Hygiene measures	:	Handle in accordance with good industrial practice. When using do not eat or drink. I smoke. Wash hands before breaks and at	When 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 place. Store in accordance with local regu	
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 S use.	heet 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	OELV - 8 hrs (TWA) (Respira- ble dust)	4 mg/m3	IE OEL		
		OELV - 8 hrs (TWA) (inhalable dust)	10 mg/m3	IE OEL		
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC		
	Further inform	Further information: Indicative, Identifies the possibility of signifi-				
	cant uptake th	rough the skin	-			
		OELV - 8 hrs (TWA)	200 ppm 260 mg/m3	IE OEL		
		Further information: Substances which have the capacity to pene- trate intact skin when they come in contact with it, and be ab-				



Revision Date: 23.04.2024 Date of last issue: 17.11.2022 Version 4.0

Print Date 28.03.2025

\*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 information: Indicative, Identifies the possibility of signifi- cant uptake through the skin			
		OELV - 8 hrs 200 ppm (TWA) 260 mg/m3			
	trate intact s	Further information: Substances which have the capacity to pene- trate intact skin when they come in contact with it, and be ab- sorbed into the body			

\*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	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 and stirring work.



Revision Date: 23.04.2024 Date of last issue: 17.11.2022	Version 4.0	Print Date 28.03.2025
Respiratory protection	<ul> <li>In case of inadequate ventilation wear r Respirator selection must be based on exposure levels, the hazards of the pro- ing limits of the selected respirator. organic vapor filter (Type A) A1: &lt; 1000 ppm; A2: &lt; 5000 ppm; A3: &lt; Ensure adequate ventilation. This can b exhaust extraction or by general ventila ods for determining inhalation exposure ticular to the mixing / stirring area. In ca to keep the concentrations under the oc limits then respiration protection measure</li> </ul>	known or anticipated duct and the safe work- < 10000 ppm be achieved by local tion. (EN 689 - Meth- e). This applies in par- se this is not sufficent coupational exposure
Environmental exposure co	ontrols	
General advice	: Do not flush into surface water or sanita If the product contaminates rivers and la	

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 o	exp	losive limits
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available



# cone

Revision Date: 23.04.2024 Date of last issue: 17.11.2022	Version 4.0	Print Date 28.03.2025
Decomposition temperature	: No data available	
рН	: Not applicable	
<b>Viscosity</b> 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		

## 9.2 Other information

No data available

## **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

## **10.2 Chemical stability**

The product is chemically stable.

## 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

#### 10.4 Conditions to avoid

Conditions to avoid : No data available



# cone

Revision Date: 23.04.2024 Date of last issue: 17.11.2022	Version 4.0 Print Date 28.03	
10.5 Incompatible materials		
Materials to avoid	: No data available	
10.6 Hazardous decomposition	roducts	
Hazardous decomposition products	: methanol	
SECTION 11: Toxicological i		
	es as defined in Regulation (EC) No 1272/200	18
Acute toxicity		
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	
11.2 Information on other hazar	s	
Endocrine disrupting prop	ties	
Product:		
Assessment	: The substance/mixture does not contain cor ered to have endocrine disrupting properties REACH Article 57(f) or Commission Delegat (EU) 2017/2100 or Commission Regulation	s according to ted regulation

levels of 0.1% or higher.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

No data available

#### 12.2 Persistence and degradability



Revision Date: 23.04.2024 Date of last issue: 17.11.2022		Version 4.0	Print Date 28.03.2025
<b>12.3 Bioaccumulative potential</b> No data available			
12.4 Mobility in soil			
No data available 12.5 Results of PBT and vPvB	asse	ssment	
Product:			
Assessment	:	This substance/mixture contains no compon to be either persistent, bioaccumulative and very persistent and very bioaccumulative (vF	toxic (PBT), or
		0.1% or higher	,
12.6 Endocrine disrupting prop	pertie	0.1% or higher	
12.6 Endocrine disrupting prop <u>Product:</u>	pertie	0.1% or higher	
	ertie :	0.1% or higher	nponents consid- according to red regulation
Product: Assessment	ertie :	0.1% or higher The substance/mixture does not contain con ered to have endocrine disrupting properties REACH Article 57(f) or Commission Delegat (EU) 2017/2100 or Commission Regulation (	nponents consid- according to red regulation
	ertie :	0.1% or higher The substance/mixture does not contain con ered to have endocrine disrupting properties REACH Article 57(f) or Commission Delegat (EU) 2017/2100 or Commission Regulation (	nponents consid- according to red regulation

# 13.1 Waste treatment methods

Product :	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.



Revision Date: 23.04.2024 Date of last issue: 17.11.2022 Version 4.0

## **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		

#### 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** International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors

**REACH** Information:

All substances contained in our Products are

- registered by our upstream suppliers, and/or
- registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.



## cone

Revision Date: 23.04.2024 Date of last issue: 17.11.2022	Version 4	4.0	Print Date 28.03.2025
REACH - Restrictions on the man the market and use of certain dan mixtures and articles (Annex XVII	igerous substances,	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
REACH - Candidate List of Subst Concern for Authorisation (Article		:	None of the components are listed (=> 0.1 %).
REACH - List of substances subje (Annex XIV)	ect to authorisation	:	Not applicable
Regulation (EC) No 1005/2009 or plete the ozone layer	n substances that de-	:	Not applicable
Regulation (EU) 2019/1021 on pe tants (recast)	ersistent organic pollu-	:	Not applicable
Regulation (EU) No 649/2012 of t ment and the Council concerning of dangerous chemicals		:	Not applicable
Seveso III: Directive 2012/18/EU jor-accident hazards involving dar		nen	t and of the Council on the control of ma-
Volatile organic compounds :	(VOCV)		or volatile organic compounds ds (VOC) content: 0,2% w/w
	emissions (integrated	poll	4 November 2010 on industrial ution prevention and control) ds (VOC) content: 0,2% w/w
If other regulatory information app Sheet, then it is described in this		orov	vided elsewhere in the Safety Data

Health, safety and environ-	<ul> <li>Environmental Protection Act 1990 &amp; Subsidiary Regulations</li></ul>
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) <li>May be subject to the Control of Major Accident Hazards</li>
	May be subject to the Control of Major Accident hazards



Revision Date: 23.04.2024	Version 4.0	Print Date 28.03.2025
Date of last issue: 17.11.2022		

## Regulations (COMAH), and amendments.

## 15.2 Chemical safety assessment

cone

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.
H373	:	May cause damage to organs through prolonged or repeated
		exposure.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.
Full toys of other obbrowietie		
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
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
STOT RE	:	Specific target organ toxicity - repeated exposure
STOT SE	:	Specific target organ toxicity - single exposure
2006/15/EC	:	Europe. Indicative occupational exposure limit values
IE OEL	:	Ireland. List of Chemical Agents and Carcinogens with Occu-
		pational Exposure Limit Values - Code of Practice, Schedule 1
		and 2
2006/15/EC / TWA	•	Limit Value - eight hours
IE OEL / OELV - 8 hrs (TWA)	:	Occupational exposure limit value (8-hour 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	:	
IIVIDG	·	International Maritime Code for Dangerous Goods



Revision Date: 23.04.2024 Date of last issue: 17.11.2022		Version 4.0	Print Date 28.03.2025
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 air that kills 50% of the test animals during the period)	
MARPOL	:	International Convention for the Prevention of Ships, 1973 as modified by the Protocol of 1	
OEL	:	Occupational Exposure Limit	
PBT	:	Persistent, bioaccumulative and toxic	
PNEC	:	Predicted no effect concentration	
REACH	:	Regulation (EC) No 1907/2006 of the Europ and of the Council of 18 December 2006 con istration, Evaluation, Authorisation and Rest cals (REACH), establishing a European Che	ncerning the Reg- riction of Chemi-
SVHC	:	Substances of Very High Concern	<u> </u>
vPvB	:	Very persistent and very bioaccumulative	

## Further information

Classification of the mixture:		Classification procedure:
Eye Irrit. 2	H319	Calculation method
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 !

IE / EN