According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758







# **Everbuild Builders Silicone 450 + White**

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

1.1 Product identifier

Trade name : Everbuild Builders Silicone 450 + White

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 : Everbuild – A Sika Company

Site 41

Knowsthorpe Way

Cross Green Industrial Estate

Leeds

West Yorkshire LS9 0SW

United Kingdom

Telephone : 0113 240 3456

E-mail address : everbuild.sds@uk.sika.com

1.4 Emergency telephone number

Emergency telephone num: National Chemical Emergency Centre (NCEC)

ber 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.

Long-term (chronic) aquatic hazard, Cat- H412: Harmful to aquatic life with long lasting ef-

egory 3 fects.

## 2.2 Label elements

# Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :

Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting ef-

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fects.

Precautionary statements : P101 If medical advice is needed, have product

container or label at hand.

P102 Keep out of reach of children.

Prevention:

P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear eye protection/ face protection.

Disposal:

P501 Dispose of contents/container in accordance

with local regulation.

## **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 components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

## 3.2 Mixtures

#### Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
titanium dioxide; [in powder form	13463-67-7	Carc. 2; H351	>= 2,5 - < 5
containing 1 % or more of parti-	236-675-5		
cles with aerodynamic diameter ≤	01-2119489379-17-		
10 μm]	XXXX		

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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
octamethylcyclotetrasiloxane [D4]	556-67-2 209-136-7 01-2119529238-36- XXXX	Flam. Liq. 3; H226 Repr. 2; H361f Aquatic Chronic 1; H410  M-Factor (Chronic aquatic toxicity): 1010	>= 0,025 - < 0,25
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
PBT and vPvB substance :	1-44.00		
decamethylcyclopentasiloxane	541-02-6 208-764-9 01-2119511367-43- XXXX		< 1
dodecamethylcyclohexasiloxane	540-97-6 208-762-8 01-2119517435-42- XXXX		< 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.

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In case of skin contact Take off contaminated clothing and shoes immediately.

> Wash off with soap and plenty of water. If symptoms persist, call a physician.

In case of eye contact Immediately flush eye(s) with plenty of water.

Remove contact lenses.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed Do not induce vomiting without medical advice.

Rinse mouth with water.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

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

**Symptoms Excessive lachrymation** 

See Section 11 for more detailed information on health effects

and symptoms.

Risks irritant effects

Causes serious eye irritation.

## 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

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

## 5.1 Extinguishing media

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 substance or mixture

Hazardous combustion prod- : No hazardous combustion products are known

ucts

# 5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

for firefighters

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.

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Deny access to unprotected persons.

## 6.2 Environmental precautions

Environmental precautions Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform

respective authorities.

# 6.3 Methods and material for containment and cleaning up

: Soak up with inert absorbent material (e.g. sand, silica gel, Methods for cleaning up

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.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Follow standard hygiene measures when handling chemical

products

Advice on protection against

fire and explosion

Normal measures for preventive fire protection.

Handle in accordance with good industrial hygiene and safety Hygiene measures

> 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, including 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 *
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 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 significant uptake through the skin			
		TWA	200 ppm 266 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	250 ppm 333 mg/m3	GB EH40

<sup>\*</sup>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	
Remarks:	Exposure time: 8	Exposure time: 8 h			
	Consumers	Skin contact		260 mg/m3	
Remarks:	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 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,

Country GB 100000020308

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long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing

and stirring work.

Respiratory protection : In case of inadequate ventilation wear respiratory protection.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work-

ing limits of the selected respirator.

organic vapor filter (Type A)

A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

#### **Environmental exposure controls**

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 : liquid Appearance : paste Colour : white

Odour : slight, alcohol-like

Boiling point/boiling range : No data available

Flash point : > 61 °C

Auto-ignition temperature : No data available

pH : Not applicable

**Viscosity** 

Viscosity, dynamic : 160.000 - 300.000 mPa.s (15 - 20 °C)

Viscosity, kinematic : > 20,5 mm2/s (40 °C)

Solubility(ies)

Water solubility : insoluble

Vapour pressure : 0,01 hPa

Density : ca. 1,35 g/cm3 (20 °C)

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#### 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

# 10.5 Incompatible materials

Materials to avoid : No data available

#### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## **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:

#### octamethylcyclotetrasiloxane [D4]:

Acute inhalation toxicity : LC50 (Rat): 36 mg/l

Exposure time: 4 h
Test atmosphere: vapour

#### methanol:

Acute inhalation toxicity : LC50: 3 mg/l

Exposure time: 4 h
Test atmosphere: vapour

Method: Converted acute toxicity point estimate

## Skin corrosion/irritation

Not classified based on available information.

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## Serious eye damage/eye irritation

Causes serious eye irritation.

## Respiratory or skin sensitisation

## Skin sensitisation

Not classified based on available information.

#### 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 consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

# **SECTION 12: Ecological information**

## 12.1 Toxicity

No data available

## 12.2 Persistence and degradability

No data available

# 12.3 Bioaccumulative potential

No data available

## 12.4 Mobility in soil

No data available

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## 12.5 Results of PBT and vPvB assessment

#### **Product:**

Assessment : This substance/mixture contains components considered to

be either persistent, bioaccumulative and toxic (PBT), or very

persistent and very bioaccumulative (vPvB)..

#### **Components:**

## octamethylcyclotetrasiloxane [D4]:

Assessment : PBT substance.

vPvB substance.

## 12.6 Endocrine disrupting properties

## **Product:**

Assessment : The substance/mixture does not contain components consid-

ered 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.

## 12.7 Other adverse effects

#### **Product:**

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Harmful to aquatic life with long lasting effects.

## **SECTION 13: Disposal considerations**

#### 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.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

Contaminated packaging : 15 01 10\* packaging containing residues of or contaminated

by dangerous substances

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## **SECTION 14: Transport information**

#### 14.1 UN number

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : 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

IATA : 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

IATA : 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 Transport in bulk according to Annex II of Marpol and the IBC Code

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) Conditions of restriction for the following entries should be considered: Number on list 3

decamethylcyclopentasiloxane

(Number on list 70) octamethylcyclotetrasiloxane [D4]

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(Number on list 70)

International Chemical Weapons Convention (CWC)

Schedules of Toxic Chemicals and Precursors

Not applicable

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

decamethylcyclopentasiloxane octamethylcyclotetrasiloxane [D4] dodecamethylcyclohexasiloxane

REACH - List of substances subject to authorisation

(Annex XIV)

Regulation (EC) No 1005/2009 on substances that de-

plete the ozone layer

: Not applicable

Not applicable

Regulation (EU) 2019/1021 on persistent organic pollu-

tants (recast)

Not applicable

Regulation (EC) No 649/2012 of the European Parlia-

ment and the Council concerning the export and import

of dangerous chemicals

Not applicable

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.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

Volatile organic compounds : Law on the incentive tax for volatile organic compounds

(VOCV)

Volatile organic compounds (VOC) content: 0,2% w/w

no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0,2% w/w

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

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

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## **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.

H318 : Causes serious eye damage.

H331 : Toxic if inhaled.

H335 : May cause respiratory irritation.
H336 : May cause drowsiness or dizziness.
H351 : Suspected of causing cancer if inhaled.

H361f : Suspected of damaging fertility. H370 : Causes damage to organs.

H410 : Very toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Chronic : Long-term (chronic) aquatic hazard

Carc. : Carcinogenicity
Eye Dam. : Serious eye damage
Flam. Liq. : Flammable liquids
Repr. : Reproductive toxicity

Skin Irrit. : Skin irritation

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

REACH : Regulation (EC) No 1907/2006 of the European Parliament

and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemi-

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cals (REACH), establishing a European Chemicals Agency

SVHC : Substances of Very High Concern

vPvB : Very persistent and very bioaccumulative

**Further information** 

Classification of the mixture: Classification procedure:

Eye Irrit. 2 H319 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