

Date of last issue: 28.09.2023	Version 2.2	Print Date 29.02.2024
Revision Date: 26.01.2024		

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

#### **1.1 Product identifier**

Trade name EVERBUILD STICK2 Hard Plastic Adhesive

#### 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 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

<b>Classification (REGULATION (EC) No 12</b> Flammable liquids, Category 2	<b>72/2008)</b> H225: Highly flammable liquid and vapour.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - single ex- posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.

#### 2.2 Label elements

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



Date of last issue: 28.09.2023 Revision Date: 26.01.2024		Ve	ersion 2.2	Print Date 29.02.2024
Hazard pictograms	:			
Signal word	:	Danger		
Hazard statements	:	H225 H319 H335 H336 H351	Highly flammable liquid and v Causes serious eye irritation. May cause respiratory irritation May cause drowsiness or diz Suspected of causing cancer	on. ziness.
Supplemental Hazard Statements	:	EUH066	Repeated exposure may cause or cracking.	se skin dryness
Precautionary statements	:	<b>Prevention:</b> P201 P210 P233 P261 P280	Obtain special instructions be Keep away from heat, hot sur open flames and other ignitio smoking. Keep container tightly closed. Avoid breathing dust/ fume/ g pours/ spray. Wear protective gloves/ prote eye protection/ face protectio	faces, sparks, n sources. No  as/ mist/ va- ective clothing/
		<b>Response:</b> P370 + P378	In case of fire: Use dry sand, alcohol-resistant foam to extin	-

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

acetone tetrahydrofuran

## 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.



Date of last issue: 28.09.2023 Revision Date: 26.01.2024 Version 2.2

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)
tetrahydrofuran Contains: methanol >= 0,1 - <= 0,5 %	109-99-9 203-726-8 01-2119444314-46- XXXX	Flam. Liq. 2; H225 Acute Tox. 4; H302 Eye Irrit. 2; H319 Carc. 2; H351 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system) specific concentration limit Eye Irrit. 2; H319 >= 25 % STOT SE 3; H335 >= 25 % Acute toxicity esti- mate Acute oral toxicity: 1.650 mg/kg	>= 25 - < 50
acetone	67-64-1 200-662-2 01-2119471330-49- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 25 - < 50

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.



Date of last issue: 28.09.2023 Revision Date: 26.01.2024	Version 2.2	Print Date 29.02.2024
In case of skin contact :	Take off contaminated clothing and shoes imme Wash off with soap and plenty of water. If symptoms persist, call a physician.	diately.
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	s person.
4.2 Most important symptoms and	effects, both acute and delayed	
Symptoms :	Cough Respiratory disorder Excessive lachrymation Erythema Loss of balance Vertigo See Section 11 for more detailed information on and symptoms.	health effects
Risks :	irritant effects	
	Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Repeated exposure may cause skin dryness or	cracking.
4.3 Indication of any immediate me	dical attention and special treatment needed	
<b>-</b>		

Treatment	:	Treat symptomatically.

# **SECTION 5: Firefighting measures**

5.1 Extinguishing media		
Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	Water



Date of last issue: 28.09.2023 Revision Date: 26.01.2024		Version 2.2	Print Date 29.02.2024
	41		
5.2 Special hazards arising from	τη	e substance or mixture	
Hazardous combustion prod- ucts	:	No hazardous combustion products are known	
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing	apparatus.
Further information	:	Use water spray to cool unopened containers.	
	tiv	e equipment and emergency procedures	
Personal precautions	:	Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explosiv	ve concentra-

## 6.2 Environmental precautions

Environmental precautions	:	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform
		respective authorities.

tions. Vapours can accumulate in low areas.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Contain spillage, and then collect with non-combustible ab-
		sorbent material, (e.g. sand, earth, diatomaceous earth, ver-
		miculite) and place in container for disposal according to local
		/ national regulations (see section 13).

### 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	: Do not breathe vapours or spray mist.
	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.
	Take precautionary measures against static discharge.



Date of last issue: 28.09.2023 Revision Date: 26.01.2024		Version 2.2	Print Date 29.02.2024
		Open drum carefully as content may be under Take necessary action to avoid static electricity (which might cause ignition of organic vapours) Follow standard hygiene measures when hand products	, discharge ).
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away fro open flames/ hot surfaces. No smoking. Take p measures against electrostatic discharges.	
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	n using do not
7.2 Conditions for safe storage,	inc	uding any incompatibilities	
Requirements for storage areas and containers	:	Store in cool place. Containers which are open carefully resealed and kept upright to prevent le in accordance with local regulations.	
Further information on stor- age stability	:	No decomposition if stored and applied as dire	cted.

## 7.3 Specific end use(s)

# **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 *	
acetone	67-64-1	TWA	500 ppm 1.210 mg/m3	2000/39/EC	
	Further infor	mation: Indicative			
		TWA	500 ppm 1.210 mg/m3	GB EH40	
		STEL	1.500 ppm 3.620 mg/m3	GB EH40	
tetrahydrofuran	109-99-9	TWA	50 ppm 150 mg/m3	2000/39/EC	
		Further information: Identifies the possibility of signif through the skin, Indicative			
		STEL	100 ppm 300 mg/m3	2000/39/EC	
		TWA	50 ppm 150 mg/m3	GB EH40	
	signed subst	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.			



Date of last issue: 28.09.2023 Revision Date: 26.01.2024		Version 2.2	Print [	Date 29.02.2024
		STEL	100 ppm 300 mg/m3	GB EH40
*The above mentioned values a lease of this safety data sheet.	are	e in accordance with the legislation in e	ffect at the date of	the re-
8.2 Exposure controls				
Personal protective equipme	nt			
Eye/face protection	:	Safety glasses with side-shields confo Eye wash bottle with pure water	prming to EN166	
Hand protection	:	Chemical-resistant, impervious gloves proved standard must be worn at all ti chemical products. Reference numbe facturer specifications.	mes when handling	g
		Suitable for short time use or protection Butyl rubber/nitrile rubber gloves (> 0, Contaminated gloves should be remon Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	1 mm)	5:
Skin and body protection	:	Protective clothing (e.g. Safety shoes long-sleeved working clothing, long tro and protective boots are additionally re and stirring work.	ousers). Rubber ap	rons
Respiratory protection	:	Respirator selection must be based of exposure levels, the hazards of the pr ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: Ensure adequate ventilation. This can exhaust extraction or by general venti ods for determining inhalation exposu ticular to the mixing / stirring area. In or to keep the concentrations under the limits then respiration protection meas	oduct and the safe < 10000 ppm be achieved by loo lation. (EN 689 - M re). This applies in case this is not suff occupational expos	work- cal eth- par- icent sure
Environmental exposure con General advice		<b>bls</b> Prevent product from entering drains. If the product contaminates rivers and respective authorities.	lakes or drains inf	orm

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

### 9.1 Information on basic physical and chemical properties

Physical state : liquid



Date of last issue: 28.09.2023 Revision Date: 26.01.2024		Version 2.2	Print Date 29.02.2024
Colour	:	colourless	
Odour	:	characteristic	
Melting point/range / Freezing point	:	No data available	
Boiling point/boiling range	:	No data available	
Flammability (solid, gas)	:	No data available	
Upper/lower flommobility or	<b>.</b>	Naciva limita	
Upper/lower flammability or o Upper explosion limit / Up- per flammability limit	-		
Lower explosion limit / Lower flammability limit	:	2,5 %(V)	
Flash point	:	< 21 °C Method: closed cup	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	Not applicable	
Viscosity Viscosity, kinematic	:	> 7 mm2/s (40 °C)	
<b>Solubility(ies)</b> Water solubility	:	soluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	173 hPa	
Density	:	ca. 0,8 g/cm3 (20 °C)	



Date of last issue: 28.09.2023 Revision Date: 26.01.2024		Version 2.2	Print Date 29.02.2024
Relative vapour density	:	No data available	
Particle characteristics	:	No data available	
<b>9.2 Other information</b> No data available			
SECTION 10: Stability and	reactiv	vity	
10.1 Reactivity			
No dangerous reaction kno	wn und	ler conditions of normal use.	
10.2 Chemical stability			
The product is chemically s	table.		
		ons	
The product is chemically s		ons Stable under recommended storage conditions.	
The product is chemically s 10.3 Possibility of hazardous	reactio		
The product is chemically s 10.3 Possibility of hazardous	reactio	Stable under recommended storage conditions.	
The product is chemically s 10.3 Possibility of hazardous Hazardous reactions	reactio	Stable under recommended storage conditions.	
The product is chemically s 10.3 Possibility of hazardous Hazardous reactions 10.4 Conditions to avoid	reactio :	Stable under recommended storage conditions. Vapours may form explosive mixture with air.	
The product is chemically s 10.3 Possibility of hazardous Hazardous reactions 10.4 Conditions to avoid Conditions to avoid	reactio :	Stable under recommended storage conditions. Vapours may form explosive mixture with air.	
The product is chemically s 10.3 Possibility of hazardous Hazardous reactions 10.4 Conditions to avoid Conditions to avoid 10.5 Incompatible materials	reactio : :	Stable under recommended storage conditions. Vapours may form explosive mixture with air. Heat, flames and sparks. No data available	

## **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:

#### tetrahydrofuran:

Acute oral toxicity	: LD50 Oral (Rat): 1.650 mg/kg
---------------------	--------------------------------

Acute toxicity estimate: 1.650 mg/kg Method: Calculation method



e of last issue: 28.09.2023 ision Date: 26.01.2024		Version 2.2	Print Date 29.02.2	
Acute inhalation toxicity	:	LC50 (Rat): 54 mg/l Exposure time: 4 h Test atmosphere: vapour		
Acute dermal toxicity	:	LD50 Dermal (Rat): > 2.000 mg/kg		
acetone:				
Acute oral toxicity	:	LD50 Oral (Rat): 5.800 mg/kg		
Acute inhalation toxicity	:	LC50 (Rat): 76 mg/l Exposure time: 4 h Test atmosphere: vapour		
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 20.000 mg/kg		
Skin corrosion/irritation Repeated exposure may ca	use s	skin dryness or cracking.		
Serious eye damage/eye i Causes serious eye irritatio		ion		
Respiratory or skin sensit	isati	on		
Skin sensitisation Not classified based on ava	ilable	information.		
Respiratory sensitisation Not classified based on available information.				
Germ cell mutagenicity Not classified based on ava	ilable	information.		
<b>Carcinogenicity</b> Suspected of causing cance	or.			
Reproductive toxicity Not classified based on ava		information.		
STOT - single exposure				
May cause respiratory irrita May cause drowsiness or d		ess.		
STOT - repeated exposure Not classified based on ava		information.		
Aspiration toxicity				
Aspiration toxicity				



Date of last issue: 28.09.2023
Revision Date: 26.01.2024

Version 2.2

Print Date 29.02.2024

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### **Components:**

#### acetone:

Toxicity to algae/aquatic : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 530 mg/l Exposure time: 96 h

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment

: 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..

#### 12.6 Endocrine disrupting properties

No data available

## 12.7 Other adverse effects

### Product:

Additional ecological infor- : There is no data available for this product. mation

## **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



Date of last issue: 28.09.2023 Revision Date: 26.01.2024		Version 2.2 Print Date 29.02.2024		
	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.		ny regional	
European Waste Catalogue	:	08 04 09* waste adhesives and sealants conta solvents or other dangerous substances	ining organic	
Contaminated packaging	:	15 01 10* packaging containing residues of or by dangerous substances	contaminated	

# **SECTION 14: Transport information**

	ADR	:	UN 1133	
	IMDG	:	UN 1133	
	ΙΑΤΑ	:	UN 1133	
14.2	2 UN proper shipping name			
	ADR	:	ADHESIVES	
	IMDG	:	ADHESIVES	
	ΙΑΤΑ	:	Adhesives	
14.3	3 Transport hazard class(es)			
			Class	Subsidiary risks
	ADR	:	3	
	IMDG	:	3	
	ΙΑΤΑ	:	3	
14.4	Packing group			
	ADR Packing group Classification Code Labels Tunnel restriction code	:	III F1 3 (E)	
	IMDG Packing group Labels EmS Code	:	III 3 F-E, S-D	
	IATA (Cargo) Packing instruction (cargo	:	366	

# 14.1 UN number or ID number



Date of last issue: 28.09.2023 Revision Date: 26.01.2024		Version 2.2	Print Date 29.02.2024
aircraft) Packing instruction (LQ) Packing group Labels	:	Y344 III Flammable Liquids	
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	:	355 Y344 III Flammable Liquids	
14.5 Environmental hazards			
<b>ADR</b> Environmentally hazardous	:	no	
IMDG Marine pollutant	:	no	
IATA (Passenger) Environmentally hazardous	:	no	
IATA (Cargo) Environmentally hazardous	:	no	
14.6 Special precautions for use	r		

#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## **SECTION 15: Regulatory information**

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU provisions transposed through retained EU law

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Brit- ain)	:	Not applicable
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	Not applicable
Regulation (EC) No 1005/2009 on substances that de-	:	Not applicable
uptry CR 10000011941		



Date of last issue: 28.09.2023 Revision Date: 26.01.2024	Version 2.2	Print Date 29.02.2024
plete the ozone layer		
UK REACH List of substances (Annex XIV)	subject to authorisation : Not applicable	
Volatile organic compounds	: Law on the incentive tax for volatile organi (VOCV) Volatile organic compounds (VOC) conter	
	Directive 2010/75/EU of 24 November 20 <sup>7</sup> emissions (integrated pollution prevention Volatile organic compounds (VOC) conter 60% w/w, 480 g/l VOC content excluding water	and control)

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 environ- mental regulation/legislation specific for the substance or mixture:	n/legislation Health a substance or Control	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.

### **SECTION 16: Other information**

Full text of H-Statements		
H225	:	Highly flammable liquid and vapour.
H302	:	Harmful if swallowed.
H319	:	Causes serious eye irritation.
H335	:	May cause respiratory irritation.
H336	:	May cause drowsiness or dizziness.
H351	:	Suspected of causing cancer.
Full text of other abbreviati	ons	
Acute Tox.	:	Acute toxicity
Carc.	:	Carcinogenicity
Eye Irrit.	:	Eye irritation
Flam. Liq.	:	Flammable liquids
STOT SE	:	Specific target organ toxicity - single exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values



Date of last issue: 28.09.2023 Revision Date: 26.01.2024 Version 2.2

Print Date 29.02.2024

GB EH40	: UK. EH40 WEL - Workplace Exposure Limits	
2000/39/EC / TWA	: Limit Value - eight hours	
2000/39/EC / STEL	: Short term exposure limit	
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	f
ABR	Dangerous Goods by Road	
CAS	: Chemical Abstracts Service	
DNEL	: Derived no-effect level	
EC50	: Half maximal effective concentration	
GHS	: Globally Harmonized System	
ΙΑΤΑ	: 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	1
	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 Reg-	
	istration, Evaluation, Authorisation and Restriction of Chemi-	
	cals (REACH), establishing a European Chemicals Agency	
SVHC	: Substances of Very High Concern	
vPvB	: Very persistent and very bioaccumulative	

### **Further information**

Classification of the r	Classification procedure:	
Flam. Liq. 2	H225	On basis of test data.
Eye Irrit. 2	H319	Calculation method
Carc. 2	H351	Calculation method
STOT SE 3	H336	Calculation method
STOT SE 3	H335	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 !



Date of last issue: 28.09.2023 Revision Date: 26.01.2024 Version 2.2

Print Date 29.02.2024

GB / EN