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

### **1.1 Product identifier**

Trade name

EVERBUILD LUMBERJACK 5 MINUTE POLYURETHANE WOOD ADHESIVE

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

Product use : 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

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

Acute toxicity, Category 4	H332: Harmful if inhaled.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.



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Specific target organ toxicity - exposure, Category 2		1373: May cause damage to orgain onged or repeated exposure if inh					
2.2 Label elements							
Labelling (REGULATION (EC) No 1272/2008)							
Hazard pictograms							
Signal word	Danger						
Hazard statements	H315 H317 H319 H332 H334 H335 H351 H373	Causes skin irritation. May cause an allergic skin re Causes serious eye irritation Harmful if inhaled. May cause allergy or asthma breathing difficulties if inhale May cause respiratory irritati Suspected of causing cance May cause damage to organ longed or repeated exposure	i. a symptoms or id. on. r. is through pro-				
Precautionary statements	<b>Prevention:</b> P201 P260 P264 P280 <b>Response:</b> P304 + P340 P308 + P313	Obtain special instructions b Do not breathe mist or vapor Wash skin thoroughly after h Wear protective gloves/ prote eye protection/ face protection + P312 IF INHALED: Remove air and keep comfortable for POISON CENTER/ doctor if	urs. handling. ective clothing/ on. person to fresh breathing. Call a you feel unwell.				

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

Diphenylmethanediisocyanate, isomeres and homologues

### **Additional Labelling**

"As from 24 August 2023 adequate training is required before industrial or professional use."



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#### 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.

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

#### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9 Not Assigned	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H314 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 $\longrightarrow$ specific concentration limit Eye Irrit. 2; H319 >= 5 % Resp. Sens. 1; H334 >= 0,1 % Skin Irrit. 2; H315 >= 5 % STOT SE 3; H335 >= 5 %	>= 25 - < 40

For explanation of abbreviations see section 16.



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

4.1 Description of first aid measures			
General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.		
If inhaled	: Move to fresh air. Consult a physician after significant exposure.		
In case of skin contact	<ul> <li>Take off contaminated clothing and shoes immediately.</li> <li>Wash off with soap and plenty of water.</li> <li>If symptoms persist, call a physician.</li> </ul>		
In case of eye contact	<ul> <li>Immediately flush eye(s) with plenty of water.</li> <li>Remove contact lenses.</li> <li>Keep eye wide open while rinsing.</li> <li>If eye irritation persists, consult a specialist.</li> </ul>		
If swallowed	<ul> <li>Do not induce vomiting without medical advice.</li> <li>Rinse mouth with water.</li> <li>Do not give milk or alcoholic beverages.</li> <li>Never give anything by mouth to an unconscious person.</li> </ul>		
4.2 Most important symptoms an	d effects, both acute and delayed		
Symptoms	<ul> <li>Asthmatic appearance Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Headache Dermatitis See Section 11 for more detailed information on health effects and symptoms.</li> </ul>		
Risks	: irritant effects sensitising effects		
Country GB 10000026065	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficul- ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated		



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		exposure if inhaled.	
4.3 Indication of any immediate n	ne	dical attention and special treatment neede	ed
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water j ide/sand/foam/alcohol resistant foam/chemic extinction.	
5.2 Special hazards arising from	th	e substance or mixture	
Hazardous combustion prod- ucts	:	No hazardous combustion products are know	wn
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained brea	thing apparatus.
Further information	:	Standard procedure for chemical fires.	
SECTION 6: Accidental releas	e	neasures	
6.1 Personal precautions, protect	tiv	e equipment and emergency procedures	
Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions			
Environmental precautions	:	Do not flush into surface water or sanitary se If the product contaminates rivers and lakes respective authorities.	
6.3 Methods and material for con	tai	nment and cleaning up	
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. s acid binder, universal binder, sawdust). Keep in suitable, closed containers for dispo	-

## 6.4 Reference to other sections

For personal protection see section 8.



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## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

	Advice on safe handling	:	<ul> <li>Avoid formation of aerosol.</li> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Provide sufficient air exchange and/or exhaust in work rooms.</li> <li>Follow standard hygiene measures when handling chemical products</li> </ul>
	Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
	Hygiene measures	:	Handle in accordance with good industrial hygiene and safety 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, i	ncl	uding any incompatibilities
	Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance 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)	:	Cleaning with aprotic polar solvents must be avoided. Consult most current local Product Data Sheet prior to any use.

## **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

### Occupational Exposure Limits



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> Components CAS-No. Value type (Form Control parame-Basis \* of exposure) ters \* Diphenylmethanediisocyanate, isomeres 9016-87-9 TWA 0,02 mg/m3 GB EH40 (NCO) and homologues Further information: Capable of causing occupational asthma. STEL 0,07 mg/m3 GB EH40 (NCO)

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\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

### **Biological occupational exposure limits**

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
Diphenylmethanediisocyanate, iso- meres and homologues	9016-87-9	isocyanate- derived diamine (Isocyanates): 1 µmol/mol creati- nine (Urine)	At the end of the period of expo- sure	GB EH40 BAT

#### 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.
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.



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	Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk as- sessment indicates this is necessary. 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 - Meth- ods for determining inhalation exposure). This applies in par- ticular 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. Ensure adequate ventilation, especially in confined areas.	
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 Colour	:	liquid brown
Odour	:	musty
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
Flash point	:	> 200 °C Method: closed cup



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Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture reacts with water	
Viscosity			
Viscosity, dynamic	:	13.000 mPa.s (20 °C)	
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies) Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	ca. 1,09 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**



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Hazardous reactions	:	No hazards to be specially mentioned.	
<b>10.4 Conditions to avoid</b> Conditions to avoid	:	No data available	
<b>10.5 Incompatible materials</b> Materials to avoid	:	No data available	
10.6 Hazardous decomposition	nroc	lucts	

### **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 toxicit Harmful if inh	•				
Components					
		ł۵	isomeres and homologues:		
Acute oral tox	•		LD50 Oral (Rat): > 10.000 mg/kg		
Acute inhalati	ion toxicity	:	LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Assessment: The component/mixture is moderately toxic after short term inhalation.		
Acute dermal	toxicity	:	LD50 Dermal (Rabbit): > 9.400 mg/kg		
<b>Skin corrosi</b> Causes skin i					
Serious eye damage/eye irritation Causes serious eye irritation.					
Respiratory	or skin sensitisa	tio	n		
<b>Skin sensitis</b> May cause ar	<b>sation</b> n allergic skin read	ctic	n.		
Respiratory	sensitisation				
May cause al	lergy or asthma s	ym	ptoms or breathing difficulties if inhaled.		



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### Germ cell mutagenicity

Not classified based on available information.

## Carcinogenicity

Suspected of causing cancer.

### **Reproductive toxicity**

Not classified based on available information.

### STOT - single exposure

May cause respiratory irritation.

### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

### 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:** 

Diphenylmethanediisocyanate, isomeres and homologues:				
Toxicity to fish	:	LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l Exposure time: 96 h		
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 1.640 mg/l Exposure time: 72 h		

### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available



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<b>12.4 Mobility in soil</b> No data available		
12.5 Results of PBT and vPvB ass	essment	
Product:		
Assessment	<ul> <li>This substance/mixture contains no compon to be either persistent, bioaccumulative and very persistent and very bioaccumulative (vF 0.1% or higher</li> </ul>	toxic (PBT), or
12.6 Endocrine disrupting propert	ies	
Product:		anonanta consid
Assessment	<ul> <li>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 ( levels of 0.1% or higher.</li> </ul>	according to red regulation
12.7 Other adverse effects		
Product: Additional ecological infor- mation	There is no data available for this product.	

## **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.			



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## **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** Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)

: Conditions of restriction for the following entries should be considered: Diphenylmethanediisocyanate, isomeres and homologues (Number on



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		list 56	i)
International Chemical Weapons Schedules of Toxic Chemicals an		: Not a	pplicable
Regulation (EC) No 1005/2009 or plete the ozone layer	n substances that de-	: Not a	pplicable
GB Export and import of hazardo Informed Consent (PIC) Regulation		: Not a	pplicable
Control of Major Accident Hazard 2015 (COMAH)	ls Regulations	Not applic	able
Volatile organic compounds :	Law on the incentive ta (VOCV) no VOC duties	x for volat	ile organic compounds
	Directive 2010/75/EU c emissions (integrated p Not applicable		mber 2010 on industrial evention and control)
If other regulatory information app Sheet, then it is described in this		rovided e	sewhere in the Safety Data
Health, safety and environ- : mental regulation/legislation specific for the substance or mixture:	Health and Safety at W Control of Substances (COSHH)	ork Act 19 Hazardou Control of	00 & Subsidiary Regulations 074 & Subsidiary Regulations s to Health Regulations 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

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficul- ties if inhaled.
H335	May cause respiratory irritation.



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H351 : H373 :	Suspected of causing cancer. May cause damage to organs through pro exposure if inhaled.	longed or repeated
Full text of other abbreviation	8	
Acute Tox. :	Acute toxicity	
Carc. :	Carcinogenicity	
Eye Irrit. :	Eye irritation	
Resp. Sens. :	Respiratory sensitisation	
Skin Irrit. :	Skin irritation	
Skin Sens. :	Skin sensitisation	
STOT RE :	Specific target organ toxicity - repeated ex	
STOT SE :	Specific target organ toxicity - single exposed	
GB EH40 :	UK. EH40 WEL - Workplace Exposure Lin	
GB EH40 BAT :	UK. Biological monitoring guidance values	
GB EH40 / TWA :	Long-term exposure limit (8-hour TWA ref	
GB EH40 / STEL :	Short-term exposure limit (15-minute refer	
ADR :	European Agreement concerning the Inter	national Carriage of
CAS :	Dangerous Goods by Road 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	s Goods
LD50 :	Median lethal dosis (the amount of a mate	
	once, which causes the death of 50% (one	
	test animals)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
LC50 :	Median lethal concentration (concentration	ns of the chemical in
	air that kills 50% of the test animals during	
	period)	
MARPOL :	International Convention for the Prevention	n of Pollution from
	Ships, 1973 as modified by the Protocol of	f 1978
OEL :	Occupational Exposure Limit	
PBT :	Persistent, bioaccumulative and toxic	
PNEC :	Predicted no effect concentration	
REACH :	Regulation (EC) No 1907/2006 of the Euro and of the Council of 18 December 2006 of istration, Evaluation, Authorisation and Re	concerning the Reg-
	cals (REACH), establishing a European C	hemicals Agency
SVHC :	Substances of Very High Concern	
vPvB :	Very persistent and very bioaccumulative	

### **Further information**

Classification of the mixture:		Classification procedure:
Acute Tox. 4	H332	Calculation method
Skin Irrit. 2	H315	Calculation method



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Eye Irrit. 2	H319	Calculation method	
Resp. Sens. 1	H334	Calculation method	
Skin Sens. 1	H317	Calculation method	
Carc. 2	H351	Calculation method	
STOT SE 3	H335	Calculation method	
STOT RE 2	H373	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