

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**Everbuild Lumberjack 5 Min PU Wood Adhesive - Liquid**

Revision Date 04.09.2017

Version 1.2



BUILDING TRUST



Print Date 04.09.2017

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

### 1.1 Product identifier

Trade name : Everbuild Lumberjack 5 Min PU Wood Adhesive - Liquid

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

### 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 number : 0044 113 240 3456 (office hours only)

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Type of product : 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.   |
| Specific target organ toxicity - repeated exposure, Category 2                   | H373: May cause damage to organs through prolonged or repeated exposure if inhaled. |

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### 2.2 Label elements

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

Hazard pictograms :



Signal word :

Danger

Hazard 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 difficulties if inhaled.    |
| H335 | May cause respiratory irritation.   |
| H351 | Suspected of causing cancer.  |
| H373 | May cause damage to organs through prolonged or repeated exposure if inhaled. |

Precautionary statements :

|                    |  |
|--------------------|--|
| P101               | If medical advice is needed, have product container or label at hand.  |
| P102               | Keep out of reach of children.   |
| <b>Prevention:</b> |  |
| P260               | Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  |
| P271               | Use only outdoors or in a well-ventilated area.  |
| P280               | Wear protective gloves/ protective clothing/ eye protection/ face protection.  |
| P284               | In case of inadequate ventilation wear respiratory protection.   |
| P201               | Obtain special instructions before use.  |
| P202               | Do not handle until all safety precautions have been read and understood.  |
| P261               | Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.   |
| P264               | Wash the contact area thoroughly after handling.   |
| P272               | Contaminated work clothing should not be allowed out of the workplace.   |
| P284               | Wear respiratory protection.   |
| <b>Response:</b>   |  |
| P304 + P340 + P312 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. |
| P308 + P313        | IF exposed or concerned: Get medical advice/ attention.  |
| P302 + P352        | IF ON SKIN: Wash with plenty of water.   |
| P304 + P340        | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable  |

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|                  |   |
|------------------|---|
| P312             | for breathing.<br>Call a POISON CENTER or doctor/ physician if you feel unwell. |
| P314             | Get medical advice/ attention if you feel unwell.                               |
| P321             | Specific treatment (see supplemental first aid instructions on this label).     |
| P332 + P313      | If skin irritation occurs: Get medical advice/ attention.                       |
| P333 + P313      | If skin irritation or rash occurs: Get medical advice/ attention.               |
| P337 + P313      | If eye irritation persists: Get medical advice/ attention.                      |
| P342 + P311      | If experiencing respiratory symptoms: Call a POISON CENTER/doctor.              |
| P362 + P364      | Take off contaminated clothing and wash it before reuse.                        |
| <b>Storage:</b>  |   |
| P405             | Store locked up.  |
| P403 + P233      | Store in a well-ventilated place. Keep container tightly closed.                |
| <b>Disposal:</b> |   |
| P501             | Dispose of contents/container in accordance with local regulation.              |

Hazardous components which must be listed on the label:

- 202-966-0 4,4'-methylenediphenyl diisocyanate

### Additional Labelling:

EUH204 Contains isocyanates. May produce an allergic reaction.

Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

### 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.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

| Chemical name<br>CAS-No.<br>EC-No.<br>Registration number | Classification<br>(REGULATION (EC)<br>No 1272/2008) | Concentration<br>[%] |
|---|---|----------------------|
|   |   |                      |

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|   |   |              |
|---|---|--------------|
| 4,4'-methylenediphenyl diisocyanate<br>101-68-8<br>202-966-0<br>01-2119457014-47-XXXX | Acute Tox.4; H332<br>Eye Irrit.2; H319<br>STOT SE3; H335<br>Skin Irrit.2; H315<br>Resp. Sens.1; H334<br>Skin Sens.1; H317<br>Carc.2; H351<br>STOT RE2; H373 | >= 25 - < 40 |
|---|---|--------------|

For the full text of the H-Statements mentioned in this Section, 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.
- 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 : Asthmatic appearance  
Cough  
Respiratory disorder  
Allergic reactions  
Excessive lachrymation  
Erythema  
Headache  
Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : irritant effects  
sensitising effects  
  
Causes skin irritation.  
May cause an allergic skin reaction.

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Causes serious eye irritation.  
Harmful if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause respiratory irritation.  
Suspected of causing cancer.  
May cause damage to organs through prolonged or repeated exposure if inhaled.

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

Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : 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 : Standard procedure for chemical fires.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective 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 sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and materials 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.

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### 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 : Avoid formation of aerosol. 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. 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. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Follow standard hygiene measures when handling chemical products
- 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, including any incompatibilities

- Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations.
- Other data : 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

#### Components with workplace control parameters

| Components                          | CAS-No.  | Value | Control parameters *   | Basis * |
|-------------------------------------|----------|-------|------------------------|---------|
| 4,4'-methylenediphenyl diisocyanate | 101-68-8 | TWA   | 0,02 mg/m <sup>3</sup> | GB EH40 |
|                                     |          | STEL  | 0,07 mg/m <sup>3</sup> | GB EH40 |

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### Biological occupational exposure limits

| Substance name                      | CAS-No.  | Control parameters                                   | Sampling time | Basis          |
|-------------------------------------|----------|--|---------------|----------------|
| 4,4'-methylenediphenyl diisocyanate | 101-68-8 | urinary diamine:<br>1 µmol/mol creatinine<br>(Urine) | Post task     | GB EH40<br>BAT |

### 8.2 Exposure controls

#### 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 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 (0,4 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 additionally recommended for mixing and stirring work.
- Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment 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 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

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Ensure adequate ventilation, especially in confined areas.

### 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.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid  
Colour : various  
Odour : musty  
Odour Threshold : No data available  
Flash point : > 200 °C  
Autoignition temperature : No data available  
Decomposition temperature : No data available  
Lower explosion limit (Vol-%) : No data available  
Upper explosion limit (Vol-%) : No data available  
Flammability : No data available  
Explosive properties : No data available  
Oxidizing properties : No data available  
pH : 7 - 8  
Melting point/range / Freezing point : No data available  
Boiling point/boiling range : No data available  
Vapour pressure : 0,01 hPa  
Density : ca. 1,12 g/cm<sup>3</sup>  
at 20 °C  
Water solubility : insoluble  
Partition coefficient: n-octanol/water : No data available  
Viscosity, dynamic : >2.000 mPa.s  
at 25 °C

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|                         |   |                                    |
|-------------------------|---|------------------------------------|
| Viscosity, kinematic    | : | > 7 mm <sup>2</sup> /s<br>at 40 °C |
| Relative vapour density | : | No data available                  |
| Evaporation rate        | : | No data available                  |

### 9.2 Other information

No data available

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## 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 : Stable under recommended storage conditions.

### 10.4 Conditions to avoid

Conditions to avoid : Avoid moisture.

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Harmful if inhaled.

#### Components:

#### **4,4'-methylenediphenyl diisocyanate:**

Acute inhalation toxicity : Acute toxicity estimate: 1,5 mg/l  
Test atmosphere: dust/mist  
Method: Expert judgement

#### **Skin corrosion/irritation**

Causes skin irritation.

#### **Serious eye damage/eye irritation**

Causes serious eye irritation.

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### Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### 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.

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## 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

### 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 Other adverse effects

#### Product:

Additional ecological information : There is no data available for this product.

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### 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

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

No data available

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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## SECTION 15: Regulatory information

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

#### Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Banned and/or restricted (4,4'-methylenediphenyl diisocyanate)

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed ( $\Rightarrow$  0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

REACH Information: All substances contained in our Products are  
- preregistered or registered by our upstream suppliers, and/or  
- preregistered 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

VOC-CH (VOCV) : no VOC duties

VOC-EU (solvent) : Not applicable

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

This product contains substances for which Chemical Safety Assessments are still required.

## 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.

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|      |  |
|------|--|
| H332 | Harmful if inhaled.  |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation.  |
| H351 | Suspected of causing cancer.   |
| H373 | May cause damage to organs through prolonged or repeated exposure.         |

### Full text of other abbreviations

|             |  |
|-------------|--|
| 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 exposure   |
| STOT SE     | Specific target organ toxicity - single exposure   |
| ADR         | Accord européen relatif au transport international des marchandises Dangereuses par Route  |
| 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 dose (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 Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC        | Substances of Very High Concern  |
| vPvB        | Very persistent and very bioaccumulative   |

### Classification of the mixture:

|               |      |
|---------------|------|
| Acute Tox. 4  | H332 |
| Skin Irrit. 2 | H315 |
| Eye Irrit. 2  | H319 |
| Resp. Sens. 1 | H334 |
| Skin Sens. 1  | H317 |
| Carc. 2       | H351 |
| STOT SE 3     | H335 |
| STOT RE 2     | H373 |

### Classification procedure:

|                    |
|--------------------|
| Calculation method |

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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 !