

Hazardous according to criteria of Australian Safety and Compensation Council

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

- **Product identifier**
- **Trade name:** UHU All Purpose
- **Application of the substance / the preparation** Adhesives
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 UHU GmbH & Co.KG  
 Herrmannstraße 7  
 D-77815 Bühl (Baden)  
 Tel.: 0049-(0)7223-284-0  
 email: info@uhu.boltongroup.de
- **Further information obtainable from:** CRD
- **Emergency telephone number:** 0049-(0)7223284-363/-370

Fax: 0049-(0)7223-284-245

## 2 Composition/information on ingredients


- **Chemical characterization:** Mixtures
- **Description:** Adhesive

- **Dangerous components:**

79-20-9	methyl acetate	50-100%
64-17-5	ethanol	5.0-<10%
67-64-1	acetone	5.0-<10%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

## 3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
 **Highly flammable**  
 Highly flammable.
- **Information concerning particular hazards for human and environment:**  
 The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

---

- **Label elements**

- **Labelling according to EU guidelines:**  
 The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.  
 The R and S phrases may be omitted if packaging contains no more than 0.125 litre.
- **Code letter and hazard designation of product:**



Highly flammable

- **Risk phrases:**  
 Highly flammable.

(Contd. on page 2)

**Trade name: UHU All Purpose**

(Contd. of page 1)

- **Special labelling of certain preparations:**  
After article 10 no. 4 of DIRECTIVE 1999/45/EC it shall not be necessary to indicate the R phrases or the S phrases, if the contents of the package do not exceed 125 ml.
- **Information concerning particular hazards for human and environment:**
- **Safety phrases:**  
Keep container tightly closed and in a well-ventilated place.  
Keep away from sources of ignition - No smoking.  
Do not breathe vapour/spray.  
Use only in well-ventilated areas.

#### 4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

#### 5 Firefighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** No special measures required.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Pick up mechanically.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

#### 7 Handling and storage

- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

#### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

(Contd. on page 3)

## Safety data sheet

### According to 91/155 EEC

Printing date 24.10.2012

Version number 5

Revision: 23.10.2012

**Trade name: UHU All Purpose**

(Contd. of page 2)

**· Ingredients with limit values that require monitoring at the workplace:**
**79-20-9 methyl acetate**

NES (Australia) Short-term value: 757 mg/m<sup>3</sup>, 250 ppm  
 Long-term value: 606 mg/m<sup>3</sup>, 200 ppm

**64-17-5 ethanol**

NES (Australia) 1880 mg/m<sup>3</sup>, 1000 ppm

**67-64-1 acetone**

NES (Australia) Short-term value: 2375 mg/m<sup>3</sup>, 1000 ppm  
 Long-term value: 1185 mg/m<sup>3</sup>, 500 ppm

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid direct contact with the chemical/ the product/ the preparation by organizational measures.

· **Respiratory protection:** Not required.

· **Protection of hands:**

Solvent resistant gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

## 9 Physical and chemical properties

**· General Information**

· **Appearance:**

Form: Fluid

Colour: Colourless

· **Odour:** Characteristic

**· Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 55 °C

· **Flash point:** -13 °C

· **Ignition temperature:** 425 °C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

**· Explosion limits:**

Lower: 3.1 Vol %

Upper: 16.0 Vol %

· **Vapour pressure at 20 °C:** 220 hPa

· **Density at 20 °C:** 0.99 g/cm<sup>3</sup>

(Contd. on page 4)

**Trade name: UHU All Purpose**

(Contd. of page 3)

- |  |  |
|--|--|
| · <b>Solubility in / Miscibility with water:</b>                     | Partly miscible.                           |
| · <b>Viscosity:</b><br>Dynamic at 20 °C:                             | 4400 mPas                                  |
| · <b>Solvent content:</b><br>Organic solvents:<br>Water:<br>VOC (EC) | 65.8 %<br>0.4 %<br>65.85 %                 |
| · <b>Solids content:</b>   | 33.8 %                                     |
| · <b>Other information</b>   | No further relevant information available. |

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

#### 79-20-9 methyl acetate

Oral	LD50	3705 mg/kg (rabbit)
------	------	---------------------

#### 64-17-5 ethanol

Oral	LD50	7060 mg/kg (rat)
------	------	------------------

Inhalative	LC50/4 h	20000 mg/l (rat)
------------	----------	------------------

#### 67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
------	------	------------------

Dermal	LD50	20000 mg/kg (rabbit)
--------	------	----------------------

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

### 12 Ecological information

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Do not allow product to reach ground water, water course or sewage system.

AU

(Contd. on page 5)

## Safety data sheet

According to 91/155 EEC

Printing date 24.10.2012

Version number 5

Revision: 23.10.2012

**Trade name: UHU All Purpose**

(Contd. of page 4)

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
 Disposal must be made according to official regulations.

- **European waste catalogue**

08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
-----------	--

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |                                  |  |
|----------------------------------|--|
| · <b>UN-Number</b>               | UN1133                                 |
| · <b>ADR, IMDG, IATA</b>         |  |
| · <b>UN proper shipping name</b> | 1133 KLEBSTOFFE, Sondervorschrift 640H |
| · <b>ADR</b>                     | ADHESIVES                              |
| · <b>IMDG, IATA</b>              |  |

- **Transport hazard class(es)**

- **ADR, IMDG, IATA**



- |                |                      |
|----------------|----------------------|
| · <b>Class</b> | 3 Flammable liquids. |
| · <b>Label</b> | 3                    |

- **Packing group**

- |                          |     |
|--------------------------|-----|
| · <b>ADR, IMDG, IATA</b> | III |
|--------------------------|-----|

- **Environmental hazards:**

- |                            |    |
|----------------------------|----|
| · <b>Marine pollutant:</b> | No |
|----------------------------|----|

- **Special precautions for user**

- |                                |                             |
|--------------------------------|-----------------------------|
| · <b>Danger code (Kemler):</b> | Warning: Flammable liquids. |
| · <b>EMS Number:</b>           | 33                          |
|                                | F-E,S-E                     |

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

- **Transport/Additional information:**

- |                                  |     |
|----------------------------------|-----|
| · <b>ADR</b>                     |     |
| · <b>Limited quantities (LQ)</b> | 5L  |
| · <b>Transport category</b>      | 3   |
| · <b>Tunnel restriction code</b> | D/E |

### 15 Regulatory information

- **Australian Inventory of Chemical Substances**

All ingredients are listed.

- **Standard for the Uniform Scheduling of Drugs and Poisons**

67-64-1	acetone
---------	---------

S5
----

(Contd. on page 6)

**Trade name: UHU All Purpose**

(Contd. of page 5)

**· Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

The R and S phrases may be omitted if packaging contains no more than 0.125 litre.

**· Code letter and hazard designation of product:**

Highly flammable

**· Risk phrases:**

Highly flammable.

**· Safety phrases:**

Keep container tightly closed and in a well-ventilated place.

Keep away from sources of ignition - No smoking.

Do not breathe vapour/spray.

Use only in well-ventilated areas.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Department issuing MSDS: CRD****· Contact:**

Frau A. Liar,

Herr Dr. C. Hanf