

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

· **Product details**

- **Trade name:** *UHU The All Purpose Adhesive*
- **Application of the substance / the preparation** *Adhesives*

· **Manufacturer/Supplier:**

UHU GmbH & Co.KG  
Herrmannstraße 7  
D-77815 Bühl (Baden)  
Tel.: 0049-(0)7223-284-0  
email: [info@uhu.boltongroup.de](mailto:info@uhu.boltongroup.de)

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

- **Further information obtainable from:** *CRD*
- **Information in case of emergency:** *0049-(0)7223284-363/-370*

## 2 Hazards identification

· **Hazard description:**



*F 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.*

*R 11 Highly flammable.*

· **Classification system:**

*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

## 3 Composition/information on ingredients

· **Chemical characterization**

· **Description:** *Adhesive*

· **Dangerous components:**

CAS: 79-20-9 EINECS: 201-185-2	<i>methyl acetate</i>	 Xi,  F; R 11-36-66-67	50-100%
CAS: 64-17-5 EINECS: 200-578-6	<i>ethanol</i>	 F; R 11	2.5-10%
CAS: 67-64-1 EINECS: 200-662-2	<i>acetone</i>	 Xi,  F; R 11-36-66-67	2.5-10%

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

## 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 Fire-fighting measures

· **Suitable extinguishing agents:**

*CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*

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· **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Pick up mechanically.

### 7 Handling and storage

- **Handling:**
- **Information 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.

### 8 Exposure controls/personal protection

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

· **Ingredients with limit values that require monitoring at the workplace:**

**79-20-9 methyl acetate**

WEL	Short-term value: 770 mg/m <sup>3</sup> , 250 ppm Long-term value: 616 mg/m <sup>3</sup> , 200 ppm
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**64-17-5 ethanol**

WEL	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
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**67-64-1 acetone**

WEL	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm
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· **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.

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· **Eye protection:** Not required.

### 9 Physical and chemical properties

· **General Information**

**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>

· **Solubility in / Miscibility with water:**

Partly miscible.

· **Viscosity:**

**Dynamic at 20°C:** 4400 mPas

· **Solvent content:**

**Organic solvents:** 65.8 %  
**Water:** 0.4 %  
**VOC (EC)** 65.85 %

· **Solids content:** 33.8 %

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous 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)
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**64-17-5 ethanol**

Oral	LD50	7060 mg/kg (rat)
Inhalative	LC50/4 h	20000 mg/l (rat)

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**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

- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow product to reach ground water, water course or sewage system.

### 13 Disposal considerations

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

### 14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 33
- **UN-Number:** 1133
- **Packaging group:** III
- **Hazard label:** 3
- **Description of goods:** 1133 ADHESIVES, special provision 640H

- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1133
- **Label:** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No

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· **Proper shipping name:** ADHESIVES

· **Air transport ICAO-TI and IATA-DGR:**



· **ICAO/IATA Class:** 3  
 · **UN/ID Number:** 1133  
 · **Label:** 3  
 · **Packaging group:** III  
 · **Proper shipping name:** ADHESIVES

### 15 Regulatory information

· **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:**

F Highly flammable

· **Risk phrases:**

11 Highly flammable.

· **Safety phrases:**

7/9 Keep container tightly closed and in a well-ventilated place.

16 Keep away from sources of ignition - No smoking.

23 Do not breathe fumes/aerosol.

51 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.

· **Relevant R-phrases**

11 Highly flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS:** CRD

· **Contact:**

Frau A. Liar,

Herr Dr. C. Hanf