

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

- **Product identifier**
- **Trade name:** *UHU Sekundenkleber blitzschnell Pipette*
- **Relevant identified uses of the substance or mixture and uses advised against**
- **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*
- Fax: 0049-(0)7223-284-245
- **Further information obtainable from:** *CRD*
- **Emergency telephone number:** *0049-(0)7223284-363/-370*

## 2 Hazards identification

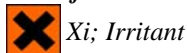
- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

- Skin Irrit. 2 H315 Causes skin irritation.*
- Eye Irrit. 2 H319 Causes serious eye irritation.*
- STOT SE 3 H335+H336 May cause respiratory irritation. May cause drowsiness or dizziness.*

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

- R36/37/38: Irritating to eyes, respiratory system and skin.*

- **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:**

*Xi Irritant*

- **Risk phrases:**

*36/37/38 Irritating to eyes, respiratory system and skin.*

- **Safety phrases:**

- 2 Keep out of the reach of children.*
- 23 Do not breathe fumes/aerosol.*
- 24/25 Avoid contact with skin and eyes.*
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.*
- 37 Wear suitable gloves.*

- **Special labelling of certain preparations:**

*Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.*

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** *Not applicable.*

- **vPvB:** *Not applicable.*



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### 3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **Identification number(s)**
- **EINECS Number:** 230-391-5
- **Index number:** 607-236-00-9
- **Chemical characterization: Mixtures**
- **Description:** Adhesive

· **Dangerous components:**

CAS: 7085-85-0	ethyl 2-cyanoacrylate	50-100%
EINECS: 230-391-5	 Xi R36/37/38	
 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335		

### 4 First aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air.
- **After skin contact:**  
Rinse with warm water.  
Do not pull solidified product off the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Seek immediate medical advice.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fire with alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **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).
- **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

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.

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· **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.

· **Control parameters**

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

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

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

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

· **Respiratory protection:** Not required.

· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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:** Safety glasses

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:** Fluid

**Colour:** Colourless

· **Odour:** Pungent

· **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 60°C (3 hPa)

· **Flash point:** 82°C

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

· **Vapour pressure:** Not determined.

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· <b>Density at 20°C:</b>	1,07 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix. Not determined.
· <b>Viscosity:</b> <b>Dynamic at 20°C:</b>	70 mPas
· <b>Solvent content:</b> <b>Organic solvents:</b>	0,0 %
<b>VOC (EC)</b>	0,00 %
· <b>Solids content:</b>	100,0 %

### 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions**  
Exothermic polymerization.  
Reacts with water.  
Reacts with amines.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**  
· **on the skin:** Irritant to skin and mucous membranes.  
· **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
Irritant  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Do not allow product to reach ground water, water course or sewage system.  
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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** 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:** -
- **UN-Number:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **UN Number:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **UN/ID Number:** -

- **UN "Model Regulation":** -
- **Special precautions for user:** Not applicable.
- **Transport/Additional information:** Not dangerous according to the above specifications.

### 15 Regulatory information

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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 phrases**

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.  
 R36/37/38 Irritating to eyes, respiratory system and skin.

- **Department issuing MSDS:** CRD

- **Contact:**

Frau A. Liar,  
 Herr Dr. C. Hanf

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
 ICAO: International Civil Aviation Organization  
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 02.02.2011

Revision: 02.02.2011

**Trade name: UHU Sekundenkleber blitzschnell Pipette**

EINECS: European Inventory of Existing Commercial Chemical Substances  
VOC: Volatile Organic Compounds (USA, EU)

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