



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

Printing date 02.06.2017

Version number 14

Revision: 02.06.2017

\* **1 Identification of the substance/mixture and of the company/undertaking**

- .
- **Trade name: UHU All Purpose**
- .
- No further relevant information available.
- **Application of the substance / the mixture** Adhesives
- .
- **Manufacturer/Supplier:**  
Dr.A.F.Philipsstraat 9  
NL-4462 EW Goes  
PO Box 160  
NL-4460 AD Goes  
tel. +31 88 3235700  
fax. +31 88 3235800  
e mail: sds@boltonadhesives.com
- **Further information obtainable from:** BISON QESH  
+31 88 3235700
- .

\* **2 Hazards identification**

- .
- **Classification according to Regulation (EC) No 1272/2008**  
Flam. Liq. 2 H225 Highly flammable liquid and vapour.  
STOT SE 3 H336 May cause drowsiness or dizziness.
- .
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
methyl acetate
- **Hazard statements**  
H225 Highly flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.
- **Precautionary statements**  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing vapours.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

\* **3 Composition/information on ingredients**

- 
- **Description:** Adhesive

- **Dangerous components:**

CAS: 79-20-9	methyl acetate	50-100%
EINECS: 201-185-2	⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 64-17-5	ethanol	2.5-10%
EINECS: 200-578-6	⚠ Flam. Liq. 2, H225	
Reg.nr.: 01-2119457610-43		
CAS: 67-64-1	acetone	2.5-10%
EINECS: 200-662-2	⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	
Reg.nr.: 01-2119471330-49-XXXX		

- **Additional information:**

For the wording of the listed hazard 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.
- 

No further relevant information available.

No further relevant information available.

\* **5 Firefighting measures**

- 
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- 

No further relevant information available.

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

\* **6 Accidental release measures**

Ensure adequate ventilation

Do not allow to enter sewers/ surface or ground water.

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Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

Ensure adequate ventilation.

Pick up mechanically.

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**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

**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:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

**Storage class:** 3

No further relevant information available.

**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

**64-17-5 ethanol**

WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

**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

**DNELs****79-20-9 methyl acetate**

Oral Verbraucher, Verschlucken Langzeitige Exposition 44 mg/kg bw/day (.)

Dermal Verbraucher, Hautkontakt Langzeitige Exposition 44 mg/kg bw/day (.)

Inhalative Verbraucher, Einatmen Langzeitige Exposition 131 mg/m<sup>3</sup> (.)

**64-17-5 ethanol**

Oral Verbraucher, Verschlucken Langzeitige Exposition 87 mg/kg bw/day (.)

Dermal Verbraucher, Hautkontakt Langzeitige Exposition 206 mg/kg bw/day (.)

Inhalative Verbraucher, Akute Wirkungen, Einatmen 950 mg/m<sup>3</sup> (.)

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Verbraucher, Einatmen Langzeitige Exposition 114 mg/m<sup>3</sup> (.)**67-64-1 acetone**

Oral Verbraucher, Verschlucken Langzeitige Exposition 62 mg/kg bw/day

Dermal Verbraucher, Hautkontakt Langzeitige Exposition 62 mg/kg bw/day

Inhalative Verbraucher, Einatmen Langzeitige Exposition 200 mg/m<sup>3</sup>**• PNECs****79-20-9 methyl acetate**

Süßwasser 0.12 mg/l (.)

Meerwasser 0.012 mg/l (.)

**64-17-5 ethanol**

Süßwasser 0.96 mg/l (.)

Meerwasser 0.79 mg/l (.)

**67-64-1 acetone**

Süßwasser 10.6 mg/l

Meerwasser 1.06 mg/l

Boden 29.5 mg/kg

- **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.

Do not inhale gases / fumes / aerosols.

Avoid direct contact with the chemical/ the product/ the preparation by organisational 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

- **Odour threshold:**

Not determined.

- **pH-value:**

Not determined.

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- **Change in condition**
  - Melting point/freezing point:** Undetermined.
  - Initial boiling point and boiling range:** 55 °C
- **Flash point:** -13 °C
- **Flammability (solid, gas):** Not applicable.
- **Ignition temperature:** 425 °C
- **Decomposition temperature:** Not determined.
- **Auto-ignition temperature:** Product is not selfigniting.
- **Explosive properties:** 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>
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
  - Dynamic at 20 °C:** 4400 mPas
  - Kinematic:** Not determined.
- **Solvent content:**
  - Organic solvents:** 65.9 %
  - Water:** 0.4 %
  - VOC (EC)** 65.85 %
  - Solids content:** 33.8 %
- All relevant physical data were determined for the mixture. All non determined data are not measurably or not relevant for the characterization of the mixture.

**10 Stability and reactivity**

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

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No dangerous decomposition products known.

**11 Toxicological information**

- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**

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  - 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)
- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**  
Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity**  
Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity**  
Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure**  
Based on available data, the classification criteria are not met.
- **Aspiration hazard**  
Based on available data, the classification criteria are not met.

**12 Ecological information**

- **Aquatic toxicity:** No further relevant information available.
- No further relevant information available.
- No further relevant information available.
- 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 product to reach ground water, water course or sewage system.
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- No further relevant information available.

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**13 Disposal considerations**

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

**14 Transport information**

- **ADR, IMDG, IATA** UN1133
- **ADR** 1133 ADHESIVES  
1133 KLEBSTOFFE, Sondervorschrift 640H
- **IMDG, IATA** ADHESIVES



- **Class** 3 Flammable liquids.
- **Label** 3
- **ADR, IMDG, IATA** III
- **Marine pollutant:** No
- **Danger code (Kemler):** Warning: Flammable liquids.
- **EMS Number:** 33
- **EMS Number:** F-E,S-E
- **Stowage Category** A

Not applicable.

**Transport/Additional information:**

- **ADR**
- **Limited quantities (LQ)** 5L
- **Excepted quantities (EQ)** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml
- **Transport category** 3
- **Tunnel restriction code** D/E

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- **IMDG**
- **Limited quantities (LQ)** 5L
- **Excepted quantities (EQ)** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml
- **UN "Model Regulation":** UN 1133 ADHESIVES, 3, III

\* **15 Regulatory information**

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c** FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- 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**  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.
- **Department issuing SDS:** BISON QESH
- **Contact:** REACH coordinator
- **Abbreviations and acronyms:**  
Flam. Liq. 2: Flammable liquids - Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation - Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) - Category 3
- **\* Data compared to the previous version altered.**