

**Trade name: UHU Twist & Glue All Purpose 35ml BI.**

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

- **Product identifier**
- **Trade name: UHU twist&glue 35ml BI.**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Adhesives
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
FABER - CASTELL  
15 GIBBON RD.  
WINSTON HILLS  
NSW 2153  
Toll Free: 1800 677 885  
Free Fax: 1800 678 608  
EMAIL: enquiries@faber-castell.com.au
- **Further information obtainable from: CRD**
- **Emergency telephone number:**  
POISONS INFORMATION CENTRE (PIC)  
TEL: 13 11 26

## 2 Hazards identification

- **Classification of the substance or mixture**



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

- **Label elements**
- **GHS label elements**  
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS02

- **Signal word** Danger
- **Hazard statements**  
Highly flammable liquid and vapour.
- **Precautionary statements**  
If medical advice is needed, have product container or label at hand.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep container tightly closed.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

(Contd. on page 2)

AU

# Safety data sheet

Printing date 02.06.2016

Version number 10

Revision: 02.06.2016

**Trade name: UHU Twist & Glue All Purpose 35ml BI.**

(Contd. of page 1)

- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterisation:** Mixtures
- **Description:** Adhesive

- **Dangerous components:**

64-17-5	ethanol	25-50%
67-64-1	acetone	25-50%
141-78-6	ethyl acetate	<2.5%

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

## 4 First aid measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
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.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## 5 Firefighting measures

- **Extinguishing media**
- **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.
- **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).  
Pick up mechanically.  
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

(Contd. on page 3)

AU

# Safety data sheet

Printing date 02.06.2016

Version number 10

Revision: 02.06.2016

**Trade name: UHU Twist & Glue All Purpose 35ml BI.**

See Section 13 for disposal information.

(Contd. of page 2)

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **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.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- **Storage class:** 3
- **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.

- **Control parameters**

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

**64-17-5 ethanol**

WES (Australia) Long-term value: 1880 mg/m<sup>3</sup>, 1000 ppm

**67-64-1 acetone**

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

**141-78-6 ethyl acetate**

WES (Australia) Short-term value: 1440 mg/m<sup>3</sup>, 400 ppm  
Long-term value: 720 mg/m<sup>3</sup>, 200 ppm

- **DNELs**

**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> (.)
	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>

**141-78-6 ethyl acetate**

Oral	Verbraucher, Chronische Wirkungen, Verschlucken	4.5 mg/kg (.)
Dermal	Verbraucher, Chronische Wirkungen, Hautkontakt	37 mg/kg (.)
Inhalative	Verbraucher, Akute Wirkungen, Einatmen	734 mg/m <sup>3</sup> (.)
	Verbraucher, Chronische Wirkungen, Einatmen	367 mg/m <sup>3</sup> (.)

(Contd. on page 4)

## Safety data sheet

Printing date 02.06.2016

Version number 10

Revision: 02.06.2016

Trade name: UHU Twist &amp; Glue All Purpose 35ml BI.

(Contd. of page 3)

· **PNECs****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

**141-78-6 ethyl acetate**

Süßwasser 0.26 mg/l (.)

Meerwasser 0.026 mg/l (.)

Boden 0.22 mg/kg (.)

· **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.

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**· **Information on basic physical and chemical properties**· **General Information**· **Appearance:****Form:** Fluid**Colour:** Colourless· **Odour:** Characteristic· **Odour threshold:** Not determined.· **pH-value:** Not determined.· **Change in condition****Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** 55 °C· **Flash point:** -19 °C· **Flammability (solid, gaseous):** Not applicable.· **Ignition temperature:** 425 °C· **Decomposition temperature:** Not determined.

(Contd. on page 5)

# Safety data sheet

Printing date 02.06.2016

Version number 10

Revision: 02.06.2016

**Trade name: UHU Twist & Glue All Purpose 35ml BI.**

(Contd. of page 4)

· <b>Self-igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Explosion limits:</b>	
<b>Lower:</b>	2.6 Vol %
<b>Upper:</b>	15.0 Vol %
· <b>Vapour pressure at 20 °C:</b>	233 hPa
· <b>Density at 20 °C:</b>	0.945 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic at 20 °C:</b>	1400 mPas
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	58.6 %
<b>Water:</b>	8.0 %
<b>VOC (EC)</b>	58.61 %
<b>Solids content:</b>	33.4 %
· <b>Other information</b>	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

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

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

### 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)
------	------	------------------

(Contd. on page 6)

AU

## Safety data sheet

Printing date 02.06.2016

Version number 10

Revision: 02.06.2016

Trade name: UHU Twist &amp; Glue All Purpose 35ml BI.

(Contd. of page 5)

**141-78-6 ethyl acetate**

Oral	LD50	5620 mg/kg (rabbit)
Inhalative	LC50/4 h	1600 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.

**12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** 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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

**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 hazardous substances
-----------	--

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

**14 Transport information**

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

(Contd. on page 7)

AU

## Safety data sheet

Printing date 02.06.2016

Version number 10

Revision: 02.06.2016

Trade name: UHU Twist &amp; Glue All Purpose 35ml BI.

(Contd. of page 6)

- **Transport hazard class(es)**

- **ADG, IMDG, IATA**



- **Class** 3 Flammable liquids.
- **Label** 3

- **Packing group**

- **ADG, IMDG, IATA** III

- **Environmental hazards:**

- **Marine pollutant:** No

- **Special precautions for user**

Warning: Flammable liquids.

- **Danger code (Kemler):**

33

- **EMS Number:**

F-E,S-D

- **Stowage Category**

A

- **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

- **Transport/Additional information:**

- **ADG**

- **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

- **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

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Australian Inventory of Chemical Substances**

All ingredients are listed.

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

67-64-1 acetone

S5

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



GHS02

(Contd. on page 8)

AU

# Safety data sheet

Printing date 02.06.2016

Version number 10

Revision: 02.06.2016

**Trade name: UHU Twist & Glue All Purpose 35ml BI.**

(Contd. of page 7)

- **Signal word** *Danger*
- **Hazard statements**  
*Highly flammable liquid and vapour.*
- **Precautionary statements**  
*If medical advice is needed, have product container or label at hand.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep container tightly closed.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **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*
- **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.*

- **Department issuing SDS:** *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)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*VOC: Volatile Organic Compounds (USA, EU)*

*DNEL: Derived No-Effect Level (REACH)*

*PNEC: Predicted No-Effect Concentration (REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 2: Flammable liquids – Category 2*

- **\* Data compared to the previous version altered.**

AU