

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077115520

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

077115504 077115512

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 02.01.2014

Revision: 02.01.2014

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

- **Product details**
- **Trade name:** Quick Up Catalyst
- **Application of the substance / the preparation** Luting and repair material for attachments
- **Manufacturer/Supplier:**  
VOCO GmbH  
Anton-Fletmer-Str. 1-3  
D-27472 Cuxhaven
- **Further information obtainable from:** Scientific department tel. +49 (0)4721-719-0
- **Information in case of emergency:** Poison Control Center Mainz +49 (0)6131-19240

## 2 Hazards identification

- **Hazard description:**  
*Xi Irritant*
- **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 43 May cause sensitisation by skin contact.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*
- **Additional information:** Use only for intended scope of application

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 72869-86-4 EINECS: 276-957-5	Urethanedimethacrylate	R 52/53	25-50%
CAS: 6606-59-3	HEDMA	Xi, N; R 36/37/38-51/53	5-10%
	benzoyl peroxyde	Xi, E, O; R 3-7-36-43	≤ 2.5%

## 4 First aid measures

- **After inhalation:**  
*Supply fresh air and to be sure call for a doctor.*  
*In case of unconsciousness place patient stably in side position for transportation.*
- **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:** *If symptoms persist consult doctor.*

## 5 Fire-fighting measures

- **Suitable extinguishing agents:** *Use fire extinguishing methods suitable to surrounding conditions.*
- **Protective equipment:** *No special measures required.*

## 6 Accidental release measures

- **Person-related safety precautions:** *Not required.*
- **Measures for environmental protection:** *Do not allow to enter sewers/ surface or ground water.*

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Trade name: *Quick Up Catalyst*

· *Measures for cleaning/collecting: Pick up mechanically.*

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### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** For dental use only.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** See storage instructions on package

### 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:**  
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.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work
- **Protection of hands:**



Protective gloves

- **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.

### 9 Physical and chemical properties

#### · General Information

<b>Form:</b>	Pasty
<b>Colour:</b>	Whitish
<b>Odour:</b>	Characteristic

#### · Change in condition

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

· **Flash point:** Not applicable.

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

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

· **Density:** Not determined.

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Trade name: Quick Up Catalyst

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- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

**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:**
- **Primary irritant effect:**
  - **on the skin:** Irritant to skin and mucous membranes.
  - **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
  - 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:
  - Irritant
- **Sensitisation** May cause sensitisation by skin contact.

**12 Ecological information**

- **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.

**13 Disposal considerations**

- **Product:**
- **Recommendation**
  - Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

- **Maritime transport IMDG:**
- **Marine pollutant:** No

**15 Regulatory information**

- **Labelling according to EU guidelines:**
  - The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

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**Trade name: Quick Up Catalyst**

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**· Code letter and hazard designation of product:***Xi Irritant***· Hazard-determining components of labelling:***benzoyl peroxyde***· Risk phrases:***43 May cause sensitisation by skin contact.***· Safety phrases:***24 Avoid contact with skin.**26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**28 After contact with skin, wash immediately with plenty of water.**37 Wear suitable gloves.***· Special labelling of certain preparations:***Contains benzoyl peroxyde. May produce an allergic reaction.***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: Scientific departement****· Contact: Tel.: +49 (0)4721-719-0**

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# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 02.01.2014

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

- **Product details**
- **Trade name:** Quick Up base
- **Application of the substance / the preparation** Luting and repair material for attachments
- **Manufacturer/Supplier:**  
VOCO GmbH  
Anton-Flettner-Str. 1-3  
D-27472 Cuxhaven
- **Further information obtainable from:** Scientific department tel. +49 (0)4721-719-0
- **Information in case of emergency:** Poison Control Center Mainz +49 (0)6131-19240

## 2 Hazards identification

- **Hazard description:** Not applicable.
- **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.
- **Additional information:** Use only for intended scope of application

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 72869-86-4	Urethanedimethacrylate	R 52/53	25-50%
EINECS: 276-957-5			
CAS: 6606-59-3	HEDMA	Xi, N; R 36/37/38-51/53	5-10%
	Catalyst	Xn, Xi; R 22-41	≤ 2.5%

## 4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.

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Trade name: Quick Up base

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**7 Handling and storage**

- **Handling:**
  - *Information for safe handling: For dental use only.*
  - *Information about fire - and explosion protection: No special measures required.*
- **Storage:**
  - *Requirements to be met by storerooms and receptacles: No special requirements.*
  - *Information about storage in one common storage facility: Not required.*
  - *Further information about storage conditions:*  
None.  
*See storage instructions on package*

**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:*  
*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.*
- **Personal protective equipment:**
  - *General protective and hygienic measures: Wash hands before breaks and at the end of work.*
  - *Respiratory protection: Not required.*
  - **Protection of hands:**



Protective gloves

- **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.*

**9 Physical and chemical properties**· **General Information**

<b>Form:</b>	Pasty
<b>Colour:</b>	Red
<b>Odour:</b>	Characteristic

- **Change in condition**
  - *Melting point/Melting range: Undetermined.*
  - *Boiling point/Boiling range: Undetermined.*

- **Flash point:** Not applicable.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** Not determined.

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Trade name: **Quick Up base**

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- **Solubility in / Miscibility with water:** *Not miscible or difficult to mix.*

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

**12 Ecological information**

- **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.*

**13 Disposal considerations**

- **Product:**
- **Recommendation**  
*Must not be disposed together with household garbage. Do not allow product to reach sewage system.*
- **Uncleaned packaging:**
- **Recommendation:** *Disposal must be made according to official regulations.*

**14 Transport information**

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** *No*
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15 Regulatory information**

- **Labelling according to EU guidelines:**  
*The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.*

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**Trade name: Quick Up base**

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**Safety phrases:**

- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 28 After contact with skin, wash immediately with plenty of water.
- 36/37 Wear suitable protective clothing and gloves.

**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:** Scientific departement
- **Contact: Tel.:** +49 (0)4721-719-0

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**Safety data sheet**  
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Printing date 21.04.2015

Version number 8

Revision: 21.04.2015

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

- **1.1 Product identifier**
- **Trade name:** Quick Up base
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Luting and repair material for attachments
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
VOCO GmbH  
Anton-Flettner-Str. 1-3  
D-27472 Cuxhaven
- **Further information obtainable from:** Scientific department tel. +49 (0)4721-719-0
- **1.4 Emergency telephone number:** Poison Control Center Mainz +49 (0)6131-19240

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
As a medical device the product is not subject to labelling regulations under 1272/2008/EC.
- **Hazard pictograms** Void
- **Hazard statements** Void
- **2.3 Other hazards** Use only for intended scope of application
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 72869-86-4 EINECS: 276-957-5	Urethanedimethacrylate Aquatic Chronic 3, H412	25-50%
CAS: 6606-59-3	HDDMA Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	5-10%
	Catalyst Eye Dam. 1, H318 Acute Tox. 4, H302	≤ 2.5%

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Seek medical treatment in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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Trade name: *Quick Up base*

- 4.3 *Indication of any immediate medical attention and special treatment needed*  
No further relevant information available.

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### **SECTION 5: Firefighting measures**

- 5.1 *Extinguishing media*
- *Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.*
- 5.2 *Special hazards arising from the substance or mixture* No further relevant information available.
- 5.3 *Advice for firefighters*
- *Protective equipment: No special measures required.*

### **SECTION 6: Accidental release measures**

- 6.1 *Personal precautions, protective equipment and emergency procedures* Not required.
- 6.2 *Environmental precautions: Do not allow to enter sewers/ surface or ground water.*
- 6.3 *Methods and material for containment and cleaning up: Pick up mechanically.*
- 6.4 *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.

### **SECTION 7: Handling and storage**

- 7.1 *Precautions for safe handling* For dental use only.
- *Information about fire - and explosion protection: No special measures required.*
- 7.2 *Conditions for safe storage, including any incompatibilities*
- *Storage:*
- *Requirements to be met by storerooms and receptacles: No special requirements.*
- *Information about storage in one common storage facility: Not required.*
- *Further information about storage conditions:*  
None.  
See storage instructions on package
- 7.3 *Specific end use(s)* No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- *Additional information about design of technical facilities: No further data; see item 7.*
- 8.1 *Control parameters*
- *Additional information: The lists valid during the making were used as basis.*
- 8.2 *Exposure controls*
- *Personal protective equipment:*
- *General protective and hygienic measures: Wash hands before breaks and at the end of work.*
- *Respiratory protection: Not required.*
- *Protection of hands:*



Protective gloves

- *Material of gloves*

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Trade name: Quick Up base

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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.

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

· **Form:** Pasty

· **Colour:** Red

· **Odour:** Characteristic

· **pH-value:** Not determined.

##### · Change in condition

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

· **Boiling point/Boiling range:** Undetermined.

· **Flash point:** Not applicable.

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

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

· **Density:** Not determined.

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

Not miscible or difficult to mix.

##### · Viscosity:

· **Dynamic:** Not determined.

· **Kinematic:** Not determined.

· **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

#### · 10.1 Reactivity

#### · 10.2 Chemical stability

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** No dangerous reactions known.

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

#### · 11.1 Information on toxicological effects

##### · Acute toxicity:

##### · Primary irritant effect:

##### · on the skin:

Testing according to ISO 10993-1/10993-10 showed no skin irritation for this product when fully cured

No irritant effect.

##### · on the eye: No irritating effect.

· **Sensitization:** No sensitizing effects known.

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**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

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

**SECTION 14: Transport information**

- |   |                 |
|---|-----------------|
| · <b>14.1 UN-Number</b>   |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>14.2 UN proper shipping name</b>   |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>14.3 Transport hazard class(es)</b>  |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>  | Void            |
| · <b>14.4 Packing group</b>   |                 |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>14.5 Environmental hazards:</b>  |                 |
| · <b>Marine pollutant:</b>  | No              |
| · <b>14.6 Special precautions for user</b>  | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>   | -               |

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.

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**SECTION 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:** Scientific department

· **Contact:** Tel.: +49 (0)4721-719-0

· **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*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*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)*

*Acute Tox. 4: Acute toxicity, Hazard Category 4*

*Skin Irrit. 2: Skin corrosion irritation, Hazard Category 2*

*Eye Dam. 1: Serious eye damage eye irritation, Hazard Category 1*

*Eye Irrit. 2: Serious eye damage eye irritation, Hazard Category 2*

*STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3*

*Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2*

*Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3*

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