



Printing date 18.10.2005

Reviewed on 15.03.2004

### 1 Identification of substance:

- **Product details:**
- **Trade name:** CP 606
- **Application of the substance / the preparation** Acrylic sealant
- **Manufacturer/Supplier:**  
Hilti (Gt. Britain) Ltd.  
1 Trafford Wharf Road  
Trafford Park  
GB-M17 1BY Manchester M17 1 BY  
Tel: +44 161 886 1000 / 0800 886 100 Toll-free  
Fax +44 161 872 1240 / 0800 886 200 Toll-free
- **Informing department:** see section 16
- **Emergency information:**  
Tel. 0044 161/886 1000  
Fax. 0044 161 / 872 1240  
Schweizerisches Toxikologisches Informationszentrum - 24 h Service  
Tel.: 0041 / 1 251 51 51 (international)

### 2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Watery, acrylate dispersion with filler

- **Dangerous components:**

CAS: 107-21-1	ethane-1,2-diol	Xn; R 22	2-5%
EINECS: 203-473-3			

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

### 3 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment** void
- **Classification system**  
The classification is in line with current EC lists. It has been expanded, however, by information from technical literature, by information furnished by suppliers and by national regulations which have to be observed in chapter 15.

### 4 First aid measures

- **General information** No special measures required.
- **After inhalation** Take affected persons into the open air and position comfortably
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Seek immediate medical advice.

### 5 Fire fighting measures

- **Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Special hazards caused by the material, its products of combustion or resulting gases:**  
Can be released in case of fire  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)
- **Protective equipment:** Do not inhale explosion gases or combustion gases.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Ensure adequate ventilation  
Wear protective clothing.  
Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.
- **Measures for cleaning/collecting:**  
Collect mechanically.  
Dispose of contaminated material as waste according to item 13.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.

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- **Storage**
- **Requirements to be met by storerooms and containers:** Keep containers securely closed and dry, store at 5 - 25°C.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

### 8 Exposure controls and personal protection

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

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

#### 1317-65-3 Calciumcarbonat CaCO<sub>3</sub> (50-100%)

OES	Long-term value: 10* 4** mg/m <sup>3</sup> *total inhalable dust **respirable dust
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#### 28553-12-0 di-"isononyl" phthalate (2-5%)

OES	Long-term value: 5 mg/m <sup>3</sup>
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#### 107-21-1 ethane-1,2-diol (2-5%)

OES	Short-term value: 104** mg/m <sup>3</sup> Long-term value: 10* 52** mg/m <sup>3</sup> *particulate, IOELV, Sk **vapour, IOELV, Sk
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- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures** The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Protective gloves.
- **Material of gloves** Synthetic gloves
- **Penetration time of glove material**  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

- **General Information**

<b>Form:</b>	Pasty
<b>Colour:</b>	Various colours
<b>Odour:</b>	Characteristic

- **Change in condition**

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	Not determined

- |  |   |
|--|---|
| · <b>Flash point:</b>                            | Not applicable                          |
| · <b>Ignition temperature:</b>                   | Not applicable                          |
| · <b>Danger of explosion:</b>                    | Product is not explosive.               |
| · <b>Vapour pressure at 20°C:</b>                | ca. 23 hPa                              |
| · <b>Density at 20°C</b>                         | ca. 1.55 g/cm <sup>3</sup> (DIN 51757)) |
| · <b>Solubility in / Miscibility with Water:</b> | Fully miscible                          |

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

### 11 Toxicological information

- **Acute toxicity:**

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

#### 107-21-1 ethane-1,2-diol

Oral	LD50	5840 mg/kg (ratte)
Dermal	LD50	9530 mg/kg (rbt)

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

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· **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

\* **12 Ecological information:**

· **Ecotoxicological effects:** Not determined

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

**13 Disposal considerations**

· **Product:**

· **Recommendation** For disposal, local regulations issued by the authorities must be observed.

· **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

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

· **ADR/RID-GGVSE Class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

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

· **ICAO/IATA Class:** -

· **Transport/Additional information:** Not dangerous according to the above specifications.

\* **15 Regulatory information**

· **Designation according to EC guidelines:**

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

Observe the normal safety regulations when handling chemicals.

· **Special designation of certain preparations:**

Safety data sheet available for professional user on request.

· **National regulations**

· **Technical instructions (air):**

Class	Share in %
Wasser	10-25
NK	2-5

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

\* **16 Other information:**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Changes made since last issue dated 20.10.2003 at the following points: \*

· **Relevant R-phrases**

22 Harmful if swallowed.

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**· Department issuing data specification sheet:**

Hilti Corp.  
BU Chemicals  
Quality/Safety/Environment

Hilti Entwicklungsgesellschaft mbH

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**· Contact: Michael Kaindl****· \* Data compared to the previous version altered.**

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