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### 1 Identification of substance:

- **Product details:**
- **Trade name:** **CP 672 W**
- **Application of the substance / the preparation** Construction chemicals
- **Manufacturer/Supplier:**  
Hilti (Gt. Britain) Ltd.  
1 Trafford Wharf Road  
Trafford Park  
GB-M17 1BY Manchester  
Tel: 0044 / 161 886 1000  
Fax 0044 / 161 872 1240  
Customer Service:  
Tel. 0800 886 100 Toll-free  
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christoph.aubauer@hilti.com
- **Informing department:** see section 16
- **Emergency information:**  
Hilti (Gt. Britain) Ltd.  
Tel: 0044 / 161 886 1000  
Fax 0044 / 161 872 1240  
Schweizerisches Toxikologisches Informationszentrum - 24 h Service  
Tel.: 0041 / 1 251 51 51 (international)

### 2 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment**  
The product does not have 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 in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** aqueous acrylic-dispersion

- **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.

### 4 First aid measures

- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air.
- **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.
- **Protective equipment:** Wear self-contained breathing apparatus.

### 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:** No special measures required.
- **Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 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:**  
Store only in the original container.  
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:** Protect from frost.

### 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:**

**107-21-1 ethane-1,2-diol (<2.5%)**

WEL	Short-term value: 104** mg/m <sup>3</sup> , 40** ppm
	Long-term value: 10* 52** mg/m <sup>3</sup> , 20** ppm

- **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** Nitrile rubber, NBR
- **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
- **Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

- **General Information**

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

- **Change in condition**

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

- **Flash point:** Not applicable

- **Ignition temperature:** Not applicable

- **Self-inflammability:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

- **Density at 20°C** 1.2-1.3 g/cm<sup>3</sup>

- **Solubility in / Miscibility with**

<b>Water:</b>	mixable
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- **pH-value at 20°C:** 8.0 - 9.0

- **Solvent content:**

- **Solids content:** 60-70 %

### 10 Stability and reactivity

- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** none, if stored and handled correctly.

### 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:** slight irritative effect possible

- **on the eye:** slight irritative effect possible

- **Sensitization:** No sensitizing effect known.

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**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:** -
- **Marine pollutant:** No

- **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.
- **Special designation of certain preparations:**  
Safety data sheet available for professional user on request.
- **National regulations**
- **Technical instructions (air):**

Class	Share in %
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.
- **Relevant R-phrases**  
22 Harmful if swallowed.
  - **Department issuing data specification sheet:**  
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Business Unit Chemicals  
Quality/Safety/Environment  
  
FL-9494 Schaan  
Tel: 00423 234 2046  
Fax: 00423 234 6046  
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  - **Contact:** Dr. Christoph Aubauer