

1 Identification of substance:

- **Product details:**
- **Trade name:** CP 671 C / CP 678
- **Application of the substance / the preparation** Construction chemicals
- **Manufacturer/Supplier:**
Hilti Aktiengesellschaft
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Postfach 333
FL-9494 Schaan
Liechtenstein
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Fax: 00423 / 234 2965
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- **Informing department:** see section 16
- **Emergency information:**
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** Harmful by inhalation.
- **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:** Watery, intumescent fire prevention coating
- **Dangerous components:** Void

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. If skin irritation persist, call a physician.
- **After eye contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- **After swallowing** Seek immediate medical advice.

5 Fire fighting measures

- **Suitable extinguishing agents** Water spray, carbon dioxide (CO₂), carbon dioxide blanket, foam, or dry powder.
- **For safety reasons unsuitable extinguishing agents** Void
- **Protective equipment:** In the event of fire, wear self contained breathing apparatus

6 Accidental release measures

- **Person-related safety precautions:**
Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.
Wear protective clothing.
Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:** Do not allow to enter drainage system, surface or ground water.
- **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.
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store only in the original container.
Keep packaging 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.

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8 Exposure controls and personal protection

- **Additional information about design of technical systems:** Breathing apparatus with filter
- **Components 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 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.
- **Protection of hands:** Protective gloves
- **Material of gloves** Synthetic gloves
- **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

Form:	Pasty
Colour:	White
Odour:	Mild

· Change in condition

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

· **Flash point:** Not applicable

· **Ignition temperature:** Not applicable

· **Decomposition temperature:** > 200°C

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

· **Danger of explosion:** Product is not explosive.

· **Vapour pressure at 20°C:** 23 hPa

· **Density at 20°C** 1,3 g/cm³ (DIN 51757)

· **Solubility in / Miscibility with Water:** Fully miscible

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** Component 200 °C thermal decomposition (exothermic)
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:**
During thermal decomposition at temperatures above 280 °C, the following is produced:
Ammonia

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information:

- **Ecotoxic 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.

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13 Disposal considerations

- **Product:**
- **Recommendation** For disposal, local regulations issued by the authorities must be observed.

· **European waste catalogue**

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-GGVS/E 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.
- **Safety phrases:**
 - 2 Keep out of the reach of children.
 - 36/37 Wear suitable protective clothing and gloves.
 - 61 Avoid release to the environment. Refer to special instructions/safety data sheets.

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.

- **Department issuing data specification sheet:**
Hilti Corporation
Business Unit Chemicals
Quality/Safety/Environment

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