



1 Identification of substance:

- **Product details:**
- **Trade name:** **CP 671 F**
- **Application of the substance / the preparation** Construction chemicals
- **Manufacturer/Supplier:**
Hilti Hellas SA
Sofokli Venizelou 47
14123 Likovrisi
Tel. 0030 / 210 288 0600
Fax. 0030 210 288 0607
Customer Service:
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christoph.aubauer@hilti.com
- **Informing department:** see section 16
- **Emergency information:**
Hilti Hellas SA
Tel. 0030 / 210 288 0600
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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 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.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Intumescent fire prevention filler with a dispersion base, can be thinned with water.
- **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.
- **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** CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Void
- **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:** 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 containers securely closed and dry, store at 5 - 25°C.
- **Information about storage in one common storage facility:** Not required.

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· **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:**
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.
Keep away from foodstuffs, beverages and food.
- **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
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· Ignition temperature:	Not applicable
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· Decomposition temperature:	> 200°C
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· Self-inflammability:	Product is not selfigniting.
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· Danger of explosion:	Product is not explosive.
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· Vapour pressure at 20°C:	23 hPa
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· Density at 20°C	1,3 g/cm ³ (DIN 51757)
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· Solubility in / Miscibility with

Water:	Fully miscible
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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:

- **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.

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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 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-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.
25 Avoid contact with eyes.
36 Wear suitable protective clothing.
- **National regulations**
- **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.

- **Department issuing data specification sheet:**
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Quality/Safety/Environment

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