


1 Identification of substance:

- **Product details:**
- **Trade name:** **CP 636**
- **Application of the substance / the preparation** Construction chemicals
- **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:** Fire prevention compound with a hydraulic bonding agent base

- **Dangerous components:**

CAS: 65997-15-1	Cement, portland, chemicals	 Xi; R 36/38-43	25-50%
EINECS: 266-043-4			

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

3 Hazards identification

- **Hazard designation:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment**
 R 36/38 Irritating to eyes and skin.
 R 43 May cause sensitisation by skin contact.
- **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** Supply fresh air; consult doctor in case of symptoms.
- **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** Not applicable
- **For safety reasons unsuitable extinguishing agents** Not applicable
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Avoid causing dust.
- **Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.
- **Measures for cleaning/collecting:** Collect mechanically.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Prevent formation of dust.
- **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 - 30°C.
Protect from dampness and humidity.
- **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:**

65997-15-1 Cement, portland, chemicals (25-50%)

OES	Long-term value: 10* 4** mg/m ³ *total inhalable dust **respirable dust
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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**
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
Use skin protection cream for preventive skin protection.
- **Breathing equipment:** If dust is produced.
- **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:	Powder
Colour:	Grey
Odour:	Odourless

- **Change in condition**

Melting point/Melting range:	>1000°C
Boiling point/Boiling range:	Not determined

- **Flash point:** Not applicable

- **Ignition temperature:** Not applicable

- **Decomposition temperature:** Not determined

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

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

- **Density at 20°C** 2.5 g/cm³ (DIN 51757)

- **Solubility in / Miscibility with**

Water:	Soluble
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- **pH-value (100 g/l) at 20°C:** 12

- **Solvent content:**

- **Solids content:** 100.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous products of decomposition:** 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:** Irritant effect.
- **Sensitization:** Sensitization possible by skin contact.

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Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant

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**

17 00 00	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01 00	concrete, bricks, tiles and ceramics
17 01 01	concrete

- **Uncleaned packagings:**

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

- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

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 has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

- **Code letter and hazard designation of product:**



Xi Irritant

- **Hazard-determining components of labelling:**

Cement, portland, chemicals

- **Risk phrases:**

36/38 Irritating to eyes and skin.

43 May cause sensitisation by skin contact.

- **Safety phrases:**

22 Do not breathe dust.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37 Wear suitable protective clothing and gloves.

- **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.
Changes made since last issue dated 21.10.2003 at the following points: *

- **Relevant R-phrases**

36/38 Irritating to eyes and skin.

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Material Safety Data Sheet
According to 91/155 EEC

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43 May cause sensitisation by skin contact.

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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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