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## SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

- Product Name: Cempatch HB45
- Product Part Number: C11/04/01/073

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: High strength, fibre reinforced, hand/wet-spray applied concrete reinstatement mortar

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products Ltd.
- Address of Supplier: Hawthorn House  
Helions Bumpstead Rd, Haverhill CB9 7AA,  
United Kingdom
- Telephone: +44 1 4407 66360
- Fax: +44 1 4407 68897
- Email: Info.uk@dcp-int.com, info@donconstruction.co.uk

1.4 Emergency telephone number: +44 1 4407 66360 (available during office hours)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Skin Irrit. 2, Eye Dam. 1

#### 2.2 Label elements



**SECTION 2: Hazards identification (....)**

- Signal Word: Danger
- Hazard statements
  - H315 - Causes skin irritation.
  - H318 - Causes serious eye damage.
  - H317 - May cause an allergic skin reaction.
- Precautionary statements
  - P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
  - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P310 - Immediately call a POISON CENTER or doctor/physician.
  - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
  - P363 - Wash contaminated clothing before reuse.
  - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

## 2.3 Other hazards

- None
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**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

- Cement Portland
    - CAS Number: 65997-15-1
    - EC Number: 266-043-4
    - Concentration: 30 - 60%
    - Categories: Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, STOT SE 3
    - Symbols: GHS07, GHS05
    - H Statements: H315, H318, H317, H335
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**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

- Take off contaminated clothing.
  - Wash contaminated clothing before reuse.
  - Inhalation
    - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
    - May cause irritation to respiratory system. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
  - Contact with skin
    - IF ON SKIN: Wash with plenty of soap and water.
    - If skin irritation or rash occurs: Get medical advice/attention.
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## SECTION 4: First aid measures (....)

- Contact with eyes  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Ingestion  
Do NOT induce vomiting.  
If swallowed, rinse mouth with water (only if the person is conscious)  
Get immediate medical advice/attention.

### 4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes  
In cases of severe exposure, irritation may develop  
Can cause damage to the eyes
- Contact with skin  
Prolonged skin or eye contact may cause chemical burns
- Inhalation  
Causes irritation  
Can cause damage to the lungs

### 4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

### 5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

### 5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
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## SECTION 6: Accidental release measures

Damp down to avoid dust generation

### 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
  - Avoid raising dust
  - Ensure adequate ventilation
  - Avoid contact with skin and eyes
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**SECTION 6: Accidental release measures (....)**

## 6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- Prevent further spillage if safe

## 6.3 Methods and material for containment and cleaning up

- Avoid raising dust
- Collect as much as possible in clean container for reuse or disposal
- Sweep or shovel-up spillage and remove to a safe place
- Use vacuum cleaner to collect spilled material
- To clean the floor and all objects contaminated by this material use water

## 6.4 Reference to other sections

- See Section 8
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**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- Do not allow dust to accumulate on surfaces and equipment
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- In case of inadequate ventilation wear respiratory protection.
- Wash thoroughly after handling.
- Get medical advice/attention if you feel unwell.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.

## 7.2 Conditions for safe storage, including any incompatibilities

- Keep away from moisture
- Keep away from water
- Keep only in original packaging.

## 7.3 Specific end use(s)

- No information available
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**SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

- Cement Portland  
DNEL (inhalational): 3 mg/m<sup>3</sup>

8.2 Exposure controls

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## SECTION 8: Exposure controls/personal protection (....)



- In case of inadequate ventilation wear respiratory protection.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Contaminated work clothing should not be allowed out of the workplace.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Powder
- Odour: Odourless
- Boiling Point/Range: Not applicable
- Flashpoint: Not applicable
- pH: 11 - 13.5 (In water)
- Specific Gravity: Specific gravity - not applicable
- Solubility in water: Reacts with water

### 9.2 Other information

- None

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose
- Reacts with moist air or water

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Keep away from moist air or water

### 10.5 Incompatible materials

- Reacts with water
- Incompatible with acid

### 10.6 Hazardous decomposition products

- No hazardous decomposition products known

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- No information available
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## SECTION 12: Ecological information

### 12.1 Toxicity

- No information available

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulative potential

- No information available

### 12.4 Mobility in soil

- Reacts with water

### 12.5 Results of PBT and vPvB assessment

- No information available

### 12.6 Other adverse effects

- No information available
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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
  - Avoid release to the environment. Refer to special instructions/Safety data sheets
  - Do not empty into drains - dispose of this material and container in a safe way
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## SECTION 14: Transport information

### 14.1 Air (ICAO/IATA)

- Not classified as hazardous for transport

### 14.2 Road/Rail (ADR/RID)

- Not classified as hazardous for transport

### 14.3 Sea (IMDG)

- Not classified as hazardous for transport

### 14.4 Environmental hazards

- No information available
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**SECTION 14: Transport information (....)**

## 14.5 Special precautions for user

- No information available

## 14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available
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**SECTION 15: Regulatory information**

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830
- This Safety Data Sheet is provided in compliance with the EC Directive 82/501/EEC (the Seveso Directive)

All the ingredients used in this product are registered or preregistered by our suppliers, and/or excluded from the regulation, and/or exempted from the registration.

## 15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H335: May cause respiratory irritation.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

--- end of safety datasheet ---

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