



## SAFETY DATA SHEET CEMFLOW SEALER

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

#### 1.1. Product identifier

Product name CEMFLOW SEALER

Internal identification CEMSEAL/6

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

Identified uses Concrete floor sealer

Uses advised against No specific uses advised against are identified.

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

##### Supplier

Don Construction Products Ltd.,  
Hawthorn House  
Helions Bumpstead Road  
Haverhill  
Suffolk  
CB9 7AA  
Tel: 01538 361799 Mon-Fri 08:30 - 17:00 (excl bank holidays)  
Fax: 01538 361899  
E-Mail: info.uk@dcp-int.com

#### 1.4. Emergency telephone number

Emergency telephone 01538 361799 Mon-Fri 8.30am - 5.00pm (excluding Bank Holidays)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Elicitation (Skin Sens.)

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements EUH208 Contains 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Composition comments A blend of acrylic copolymer emulsions containing small percentages of plasticiser, viscosity modifier, stabiliser and preservative.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Fresh air.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The product is considered to be a low hazard under normal conditions of use.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	May cause sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Wear chemical protective suit.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective gloves and, in case of splashes, goggles/face shield too.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Good personal hygiene procedures should be implemented.

**Advice on general occupational hygiene** Wash at the end of each work shift and before eating, smoking and using the toilet.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### DIPROPYLENEGLYCOL METHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m<sup>3</sup>  
Sk

##### SILICON DIOXIDE, CHEMICALLY PREPARED

Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m<sup>3</sup> respirable dust  
Long-term exposure limit (8-hour TWA): WEL 6.0 mg/m<sup>3</sup> inhalable dust

##### TRIETHYLAMINE

Long-term exposure limit (8-hour TWA): WEL 2 ppm(Sk) 8 mg/m<sup>3</sup>(Sk)  
Short-term exposure limit (15-minute): WEL 4 ppm(Sk) 17 mg/m<sup>3</sup>(Sk)

WEL = Workplace Exposure Limit  
Sk = Can be absorbed through the skin.

#### TRIETHYLAMINE (CAS: 121-44-8)

**DNEL** Workers - Inhalation; Long term systemic effects: 8.4 mg/m<sup>3</sup>

**PNEC**

- Fresh water; 0.064 mg/l
- Marine water; 0.0064 mg/l
- Sediment (Freshwater); 0.1992 mg/kg
- Soil; 2.361 mg/kg
- STP; 100 mg/l
- Intermittent release; 0.064 mg/l

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation.

**Personal protection** Always check applicability with your supplier of protective equipment.

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<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
<b>Other skin and body protection</b>	No specific requirements are anticipated under normal conditions of use.
<b>Hygiene measures</b>	Provide eyewash station. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
<b>Respiratory protection</b>	No specific recommendations.
<b>Thermal hazards</b>	None

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	White.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	Approx 1.0 @ 20°C
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Miscible with water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.

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<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the product in its ready-to-use form.
<b><u>9.2. Other information</u></b>	
<b>Other information</b>	None.
<b>Refractive index</b>	Not available.
<b>Particle size</b>	Not applicable.
<b>Molecular weight</b>	Not determined.
<b>Volatility</b>	70% approx (water)
<b>Saturation concentration</b>	Not determined.
<b>Critical temperature</b>	Not determined.
<b>Volatile organic compound</b>	Not applicable.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity**                      There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability**                        Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**      No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.4. Conditions to avoid

**Conditions to avoid**                      Avoid freezing. Avoid exposure to high temperatures or direct sunlight.

#### 10.5. Incompatible materials

**Materials to avoid**                      No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      Does not decompose when used and stored as recommended.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects**                      No information available.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)**                      No specific test data are available.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)**                      No specific test data are available.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)**                      No specific test data are available.

#### Skin corrosion/irritation

**Skin corrosion/irritation**                      Not irritating., Not corrosive to skin.

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<b>Animal data</b>	No specific test data are available.
<b>Human skin model test</b>	No specific test data are available.
<b>Extreme pH</b>	No specific test data are available.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Not irritating.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Not sensitising.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Not determined.
<b>Genotoxicity - in vivo</b>	Not determined.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
<b>Target organ for carcinogenicity</b>	Not relevant.
<b>IARC carcinogenicity</b>	Not listed.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Does not contain any substances known to be toxic to reproduction.
<b>Reproductive toxicity - development</b>	Not considered to be toxic to the reproductive system.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not applicable.
<b>Target organs</b>	Not relevant.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Not applicable.
<b>Target organs</b>	Not relevant.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.
<b><u>General information</u></b>	
<b>General information</b>	No specific health hazards known.
<b>Inhalation</b>	The product is considered to be a low hazard under normal conditions of use.
<b>Ingestion</b>	No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	May cause discomfort.
<b>Acute and chronic health hazards</b>	No specific health hazards known.
<b>Medical symptoms</b>	No specific symptoms noted.
<b>Medical considerations</b>	No information available.

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### SECTION 12: Ecological Information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

#### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

**Acute toxicity - fish** Not determined

**Acute toxicity - aquatic invertebrates** Not determined.

**Acute toxicity - aquatic plants** Not determined.

**Acute toxicity - microorganisms** Not determined.

**Acute toxicity - terrestrial** Not determined.

**Chronic toxicity - fish early life stage** Not determined.

**Short term toxicity - embryo and sac fry stages** Not determined.

**Chronic toxicity - aquatic invertebrates** Not determined.

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

**Phototransformation** Not determined.

**Stability (hydrolysis)** Not determined.

**Biodegradation** Not determined.

**Biological oxygen demand** No specific test data are available.

**Chemical oxygen demand** No specific test data are available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not applicable.

#### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

**Adsorption/desorption coefficient** Not determined.

**Henry's law constant** Not determined.

**Surface tension** Not determined.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Small quantities may be absorbed in sand and allowed to dry, prior to disposal as low hazard waste. Larger quantities should be disposed of as controlled liquid waste via a licensed waste operator.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### Transport labels

No transport warning sign required.

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

### SECTION 15: Regulatory information

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

**National regulations** Control of Substances Hazardous to Health Regulations 2002 (as amended).

**Guidance** Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.

**Authorisations (Title VII Regulation 1907/2006)** No specific authorisations are known for this product.

**Restrictions (Title VIII Regulation 1907/2006)** No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet** ATE: Acute Toxicity Estimate.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.

**General information** Don Construction Products Ltd. Technical Datasheet.

**Key literature references and sources for data** Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits. Type of Regulated Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong (Primers, Sealers and Undercoats). VOC content not exceeding 6g/litre.

**Revision comments** Section 1 update

**Revision date** 28/02/2017

**Revision** 6

## CEMFLOW SEALER

<b>Supersedes date</b>	03/05/2016
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	Not classified. R11 Highly flammable. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R35 Causes severe burns. R37 Irritating to respiratory system.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation. EUH208 Contains 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.