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**SAFETY DATA SHEET**

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

## 1.1 Product identifier

- Product Name: Setseal 6

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

- Use of the substance/mixture: Concrete Floor Sealer

## 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 Road  
Haverhill  
Suffolk  
CB9 7AA
- Telephone: 01440 766 360
- Email: Info@dcp-int.co.uk

## 1.4 Emergency telephone number

- Emergency Telephone: 01440 766 360 Mon-Fri 8.30am - 4.30pm

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**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1

## 2.2 Label elements



- Signal Word: Danger
- Hazard statements
  - H226 - Flammable liquid and vapour.
  - H304 - May be fatal if swallowed and enters airways.
  - H315 - Causes skin irritation.
  - H319 - Causes serious eye irritation.
  - H335 - May cause respiratory irritation.
  - H336 - May cause drowsiness or dizziness.
  - H373 - May cause damage to organs through prolonged or repeated exposure.
  - H411 - Toxic to aquatic life with long lasting effects.
- Precautionary statements
  - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

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

Rinse skin with water [or shower].

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 - Get medical advice/attention.

2.3 Other hazards

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**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

- Xylene
    - CAS Number: 1330-20-7
    - EC Number: 215-535-7
    - Concentration: 30 - 60 %
    - Categories: Flam. Liq. 3 Acute Tox. 4 Acute Tox. 4 Skin Irrit. 2
  - HYDROCARBONS, C9, aromatics
    - CAS Number:
    - EC Number: 918-668-5
    - Concentration: 30 - 60%
    - Categories: Flam. Liq. 3, Asp. Tox. 1, STOT SE 3, Aquatic Chronic 2
  - Ethylbenzene
    - CAS Number: 100-41-4
    - EC Number: 202-849-4
    - Concentration: 1 - 10 %
    - Categories: Flam. Liq. 2 Acute Tox. 4
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**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

- Inhalation
    - Remove person to fresh air and keep comfortable for breathing.
    - Get medical advice/attention.
  - Contact with eyes
    - If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
    - Get medical advice/attention.
  - Contact with skin
    - Wash affected area with plenty of soap and water
    - Seek medical attention if irritation persists
  - Ingestion
    - Rinse mouth with water (do not swallow)
    - Do not induce vomiting
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**SECTION 4: First aid measures (....)**

Get immediate medical advice/attention.

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

- Inhalation
  - May cause dizziness, confusion, headache or stupor
  - May cause breathing difficulty
  - May cause irritation
- Ingestion
  - Aspiration hazard
  - May be fatal if swallowed and enters airways.
- Contact with skin
  - May cause redness and irritation
- Contact with eyes
  - May cause redness
  - May cause pain
  - Causes irritation

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

- Treat symptomatically
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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- In case of fire: use foam, carbon dioxide or dry agent to extinguish.
- Do not use water jet as an extinguisher, as this may spread fire

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

- Flammable liquid and vapour.
- Vapours may ignite
- Vapours may be heavier than air and may travel along the floor and in the bottom of containers.
- Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours including Hydrocarbons

**5.3 Advice for firefighters**

- Wear chemical protection suit and positive-pressure breathing apparatus
  - Keep container(s) exposed to fire cool, by spraying with water
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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Evacuate non-essential personnel from the spill area. No smoking, sparks, flames or other sources of ignition near spillage. Take precautionary measures against static discharge and arcing from electrical equipment. Avoid inhalation of vapours and contact with skin and eyes. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate.

**6.2 Environmental precautions**

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**SECTION 6: Accidental release measures (....)**

- Do not allow to enter public sewers and watercourses

**6.3 Methods and material for containment and cleaning up**

- Contain leaking liquid in earth or sand and remove to safe place when solid
- Collect as much as possible in clean container for reuse or disposal
- Place in sealable container

**6.4 Reference to other sections**

- See Section 8
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Observe any occupational exposure limits for the products or ingredients. Avoid inhalation of vapours and spray/mists. Vapours may accumulate on the floor and in low-lying areas. Do not use in confined spaces without adequate ventilation and/or respirator. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Do not eat, drink or smoke when using the product. Good personal Hygiene procedures should be implemented.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in tightly closed original container in a cool, dry, well ventilated place at a temperature between 5 deg C and 30 deg C. Protect against physical damager and/or friction. Keep away from heat, static or electrical sparks, open flame and direct sunlight. Avoid contact with oxidising agents. Keep separate from food, feedstuffs, fertilisers and other sensitive materials.

**7.3 Specific end use(s)**

Concrete Floor Sealer

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

- Xylene
  - WEL (long term): 220 mg/m<sup>3</sup>
  - WEL (long term): 50 ppm
  - WEL (short term): 441 mg/m<sup>3</sup>
  - WEL (short term): 100 ppm
- Ethylbenzene
  - WEL (long term): 4411 mg/m<sup>3</sup>
  - WEL (long term): 100 ppm
  - WEL (short term): 552 mg/m<sup>3</sup>
  - WEL (short term): 125 ppm

**8.2 Exposure controls**

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational

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

exposure limits for the product or ingredients. Use explosion-proof general and local exhaust ventilation.

Always check applicability with your supplier of protective equipment.

If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Nitrile gloves to BS EN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.

Wear suitable protective clothing as protection against splashin or contamination. Wear apron or protective clothing in case of contact.

Provide eyewash station. Remove contaminated clothing and wash skin thoroughly with soap and water after work. Do not smoke in work area. Good personal hygiene practises should be followed when working with chemicals.

In case of inadequate ventilation use a respirator suitable for organic vapours. Consult respirator manufacturer for specific advice.

**8.3 Environmental exposure controls**

- Keep container tightly closed in a cool place
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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Appearance: Colourless Liquid
- Odour: Characteristic
- Odour threshold:
- pH - not applicable
- Melting point - not applicable
- Flashpoint: 40 deg C CC (Closed Cup)
- Evaporation rate - not known
- Vapour pressure - not known
- Vapour density - not known
- Bulk density - not known
- Solubility in water: Imiscible with water
- Partition coefficient : n-Octanol/water - not known
- Auto-ignition point - not known
- Viscosity - not known
- Oxidising Properties:

**9.2 Other information**

- Refractive Index: not known
- Molecular weight - not known
- Volatile Organic Compound Content not determined%

**SECTION 10: Stability and reactivity**

## 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

## 10.2 Chemical stability

- Considered stable under normal conditions

## 10.3 Possibility of hazardous reactions

- In use, may form flammable/explosive vapour-air mixture

## 10.4 Conditions to avoid

- Keep away from heat and sources of ignition
- Avoid contact with oxidising substances

## 10.5 Incompatible materials

- Incompatible with combustible material

## 10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
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**SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

- No information available but must be considered harmful

ATE dermal (mg/kg) 2,601.14

ATE inhalation(vapours mg/l) 22.11

- By comparison with analogous substances, it is concluded that it may be harmful
- Sensitizing

## 11.2 Inhalation

- May cause respiratory irritation.
- May cause drowsiness

## 11.3 Ingestion

- May cause nausea/vomiting
- May be fatal if swallowed and enters airways.

## 11.4 Contact with skin

- Product has a defatting effect on skin.
- Causes redness and irritation
- Repeated exposure may cause skin dryness or cracking.

## 11.5 Contact with eyes

- May cause redness and irritation

## 11.6 Carcinogenicity

- Not listed as IARC Carcinogen
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**SECTION 12: Ecological information**

**SECTION 12: Ecological information (....)**

Dangerous for the Environment

Toxic to aquatic life with long lasting effects.

## 12.1 Toxicity

- Toxic to aquatic life with long lasting effects

## 12.2 Mobility in soil

- Insoluble in water
- The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

## 12.3 Persistence and degradability

- No information available

## 12.4 Bioaccumulative potential

- No information available

## 12.5 Results of PBT and vPvB assessment

- Not classified as a PBT/vPvB.

## 12.6 Other adverse effects

- No information available
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**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

- Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
  - Seek specialist advice
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**SECTION 14: Transport information**

## 14.1 UN number

- UN No.: 1993

## 14.2 Proper Shipping Name

- Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS HYDROCARBONS, C9, aromatics, Xylene)

## 14.3 Transport hazard class(es)

- Hazard Class: 3

## 14.4 Packing group

- Packing group III

## 14.5 Environmental hazards

- Marine pollutant

## 14.6 Special precautions for user

## **SECTION 15: Regulatory information**

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

- Control of Substances Hazardous to Health Regulations 2002 (as amended).

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**

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.

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