

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

POWERTONE CEMENT DYE


Revision 0

Revision date 2012-11-20

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

| | |
|---|---|
| 1.1. Product identifier | |
| Product name | POWERTONE CEMENT DYE |
| 1.2. Relevant identified uses of the substance or mixture and uses advised against | |
| Description | Building chemical. |
| 1.3. Details of the supplier of the safety data sheet | |
| Company | SEAL IT SERVICES LTD |
| Address | T/A BOND IT Unit G16 Riverbank Way, Lowfields Business Park, Elland, West Yorkshire HX5 9DN |
| Web | www.bond-it.co.uk |
| Telephone | 01422 315300 |
| Fax | 01422 315310 |
| Email | sales@bond-it.co.uk |
| 1.4. Emergency telephone number | |
| Emergency telephone number | 01422 315300 8.30AM - 5.30PM Mon-Fri |

SECTION 2: Hazards identification

| | |
|--|--|
| 2.1. Classification of the substance or mixture | |
| 2.1.1. Classification - 1999/45/EC | Xi; R36/38 Symbols: Xi: Irritant. |
| Main hazards | Irritating to eyes and skin. |
| 2.2. Label elements | |
| Symbols | The product is classified in accordance with 67/548/EEC. Xi: Irritant.  |
| Risk phrases | R36/38 - Irritating to eyes and skin. |
| Safety phrases | S1/2 - Keep locked up and out of the reach of children. S13 - Keep away from food, drink and animal feedingstuffs. S46 - If swallowed, seek medical advice immediately and show this container or label. |
| 2.3. Other hazards | |
| Other hazards | No data is available on this product. |

SECTION 3: Composition/information on ingredients

POWERTONE CEMENT DYE

Revision 0

Revision date 2012-11-20

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|---------------------|--------------|-----------|-----------|---------------------------|--------------|-----------------|
| Potassium hydroxide | 019-002-00-8 | 1310-58-3 | 215-181-3 | | 0.5 - 1% | Xn; R22 C; R35 |
| Pine oil | | 8006-64-2 | 232-350-7 | | | Xn; R22 Xi; R38 |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | Move the exposed person to fresh air. |
| Eye contact | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. |
| Ingestion | DO NOT INDUCE VOMITING. |

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

| | |
|--------------|---|
| Inhalation | Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Irritating to respiratory system. |
| Eye contact | Irritating to eyes. |
| Skin contact | Irritating to skin. |
| Ingestion | Ingestion may cause nausea and vomiting. |

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

| | |
|--------------|---|
| Inhalation | Seek medical attention. |
| Eye contact | Seek medical attention if irritation or symptoms persist. |
| Skin contact | Seek medical attention if irritation or symptoms persist. |
| Ingestion | Seek medical attention if irritation or symptoms persist. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|---|
| | Use extinguishing media appropriate to the surrounding fire conditions. |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Wear suitable respiratory equipment when necessary. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--|
| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
|--|--|

6.2. Environmental precautions

| | |
|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

| | |
|--|---|
| | Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

6.4. Reference to other sections

| | |
|--|--|
| | See section 8. PPE, 13. Disposal considerations for further information. |
|--|--|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--|--|
| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

POWERTONE CEMENT DYE

Revision 0

Revision date 2012-11-20

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|---------------------|---------------------------|-----------------------------|
| Pine oil | WEL 8-hr limit ppm: 100 | WEL 8-hr limit mg/m3: 566 |
| | WEL 15 min limit ppm: 150 | WEL 15 min limit mg/m3: 850 |
| Potassium hydroxide | WEL 8-hr limit ppm: - | WEL 8-hr limit mg/m3: - |
| | WEL 15 min limit ppm: - | WEL 15 min limit mg/m3: 2 |

8.2. Exposure controls

| | |
|---|--|
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Wear chemical protective clothing. |
| Eye / face protection | Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |
| Respiratory protection | Wear:.. Suitable respiratory equipment. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--------------------------|-------------------|
| State | Liquid |
| Colour | Black |
| Odour | Characteristic |
| pH | No data available |
| Melting point | No data available |
| Freezing Point | No data available |
| Boiling point | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability limits | No data available |
| Vapour Flammability | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | No data available |
| Fat Solubility | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Viscosity | No data available |
| Explosive | No data available |
| Oxidising | No data available |
| Solubility | No data available |

9.2. Other information

| | |
|-----------------|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Gas group | No data available |

POWERTONE CEMENT DYE

Revision 0

Revision date 2012-11-20

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

10.3. Possibility of hazardous reactions

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

10.4. Conditions to avoid

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

10.5. Incompatible materials

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

10.6. Hazardous decomposition products

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

SECTION 11: Toxicological information

11.1.4. Toxicological Information

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

12.2. Persistence and degradability

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

12.3. Bioaccumulative potential

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

12.4. Mobility in soil

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

12.5. Results of PBT and vPvB assessment

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

12.6. Other adverse effects

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

SECTION 13: Disposal considerations

Disposal methods

| | |
|--|---|
| | Dispose of in compliance with all local and national regulations. |
|--|---|

SECTION 14: Transport information

14.6. Special precautions for user

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

ADR/RID

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

IMDG

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

IATA

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

POWERTONE CEMENT DYE

Revision 0

Revision date 2012-11-20

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

| | |
|-------------|---|
| Regulations | COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. |
|-------------|---|

SECTION 16: Other information

Other information

| | |
|-----------------------------------|--|
| Text of risk phrases in Section 3 | R22 - Harmful if swallowed. R35 - Causes severe burns. R38 - Irritating to skin. |
|-----------------------------------|--|

Further 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.