Erosion Resistant Zinc Cement

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

1.1. Product identifier

| Product name          | Erosion Resistant Zinc Cement |

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

| Product Use | [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU20] Health services; [PC19] Intermediate; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact); |

1.3. Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Company</th>
<th>Advanced Healthcare Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Units 2-4 Leavers Estate, Chiddingstone Causeway, Tonbridge, Kent, TN11 8JU, UK</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.ahl.uk.com">www.ahl.uk.com</a></td>
</tr>
<tr>
<td>Telephone</td>
<td>+44 (0) 1892 870500 (Use for Emergency also)</td>
</tr>
<tr>
<td>Fax</td>
<td>+44 (0) 1892 870482</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:sales@ahl.uk.com">sales@ahl.uk.com</a></td>
</tr>
</tbody>
</table>

1.4. Emergency telephone number

| Emergency telephone number | +44(0)1892870500 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| 2.1.1. Classification - 67/548/EEC | Xn; R22 Xi; R36/38 N; R50/53 |
| Main hazards                     | Harmful if swallowed. Irritating to eyes and skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 2.1.2. Classification - EC 1272/2008 | Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; |

2.2. Label elements

| Hazard pictograms | |
| Signal Word       | Warning |
| Hazard Statement  | Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. |
Erosion Resistant Zinc Cement

2.2. Label elements

Precautionary Statement: Prevention
- P264 - Wash thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response
- P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell.
- P302+P352 - IF ON SKIN: Wash with plenty of water/.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 - Specific treatment (see on this label).
- P330 - Rinse mouth.
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P391 - Collect spillage.

Precautionary Statement: Disposal
- P501 - Dispose of contents/container to

2.3. Other hazards

Other hazards
- No data available.

Further information
- Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

SECTION 3: Composition/Information on ingredients

3.1. Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
<th>M-factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>030-013-00-7</td>
<td>1314-13-2</td>
<td>215-222-6</td>
<td></td>
<td>80 - 90% N; R50/53</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stannous Fluoride</td>
<td>7783-47-3</td>
<td>231-999-3</td>
<td></td>
<td></td>
<td>1 - 10% Xn; R22 X; R36/38</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EC 1272/2008

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
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<td>Zinc oxide</td>
<td>030-013-00-7</td>
<td>1314-13-2</td>
<td>215-222-6</td>
<td></td>
<td>80 - 90% Aquatic Acute 1: H400; Aquatic Chronic 1: H410;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stannous Fluoride</td>
<td>7783-47-3</td>
<td>231-999-3</td>
<td></td>
<td></td>
<td>1 - 10% Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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. Seek medical attention if irritation or symptoms persist.

Skin contact
- Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.

Ingestion
- DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation
- May cause irritation to mucous membranes.

Eye contact
- May cause irritation to eyes.

Skin contact
- May cause irritation to skin.

Ingestion
- May cause irritation to mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed
- No data available.
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.

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
Clean spillage area thoroughly with plenty of water. Sweep up. Transfer to suitable, labelled containers for disposal.

6.4. Reference to other sections
See Section 13 for disposal information.

SECTION 7: Handling and storage

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

7.2. Conditions for safe storage, including any incompatibilities
Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)
None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL 8-hr limit ppm:</th>
<th>WEL 8-hr limit mg/m³:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erosion Resistant Zinc Cement</td>
<td>WEL 15 min limit mg/m³:</td>
<td>WEL 15 min limit mg/m³:</td>
</tr>
<tr>
<td></td>
<td>WEL 8-hr limit mg/m³ total inhalable dust:</td>
<td>WEL 8-hr limit mg/m³ total respirable dust:</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

8.2.1. Appropriate engineering controls
Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures
Wear protective clothing.

Eye / face protection
Approved safety goggles.

Skin protection - Hand protection
Chemical resistant gloves (plastic).

SECTION 9: Physical and chemical properties
Erosion Resistant Zinc Cement

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid</td>
</tr>
<tr>
<td>Colour</td>
<td>White/Off white</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
</tbody>
</table>

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

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


10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1. 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 available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

Disposal methods

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
**SECTION 14: Transport information**

14.6. Special precautions for user

No data available.

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

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information**

**SECTION 16: Other information**

| Text of risk phrases in Section 3 | R22 - Harmful if swallowed.  
| Text of Hazard Statements in Section 3 | R36/38 - Irritating to eyes and skin.  
| | R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
| | Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
| |急性毒 4: H302 - Harmful if swallowed.  
| | Skin Irrit. 2: H315 - Causes skin irritation.  
| | Eye Irrit. 2: H319 - Causes serious eye irritation.  