Humid Stable Glass Ionomer Silver Reinforced Powder

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

1.1. Product identifier
- Product name: Humid Stable Glass Ionomer Silver Reinforced Powder

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);
- **Description**: Dental repair material.

1.3. Details of the supplier of the safety data sheet
- **Company**: Advanced Healthcare Ltd
- **Address**: Units 2-4 Leavers Estate, Chiddingstone Causeway, Tonbridge, Kent, TN11 8JU, UK
- **Web**: www.ahl.uk.com
- **Telephone**: +44 (0) 1892 870500 (Use for Emergency also)
- **Fax**: +44 (0)1892 870482
- **Email**: sales@ahl.uk.com

1.4. Emergency telephone number
- **Emergency telephone number**: +44(0)1892870500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
- **Main hazards**: No Significant Hazard

2.2. Label elements
- **Risk phrases**: No Significant Hazard.

2.3. Other hazards
- **Other hazards**: None.

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

3.2. Mixtures
### 3.2. Mixtures

**67/548/EEC / 1999/45/EC**

<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>Acrylic Acid Polymer</td>
<td>9003-01-4</td>
<td></td>
<td></td>
<td></td>
<td>1 - 10%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zirconium Oxide</td>
<td>1314-23-4</td>
<td>215-227-2</td>
<td></td>
<td></td>
<td>1 - 10%</td>
<td></td>
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**EC 1272/2008**

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

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

#### 6.4. Reference to other sections

SECTION 13: Disposal considerations.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

No data available.
Humid Stable Glass Ionomer Silver Reinforced Powder

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.

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.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

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

In case of splashing, wear: Approved safety goggles.

Skin protection - Hand protection

Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>White/Grey</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable.</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

Heat.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No data is available on this product.

11.1.4. Toxicological information
### Humid Stable Glass Ionomer Silver Reinforced Powder

#### 11.1.4. Toxicological Information
No data available

#### SECTION 12: Ecological information

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1. Toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>12.2. Persistence and degradability</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>12.3. Bioaccumulative potential</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>12.4. Mobility in soil</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>12.5. Results of PBT and vPvB assessment</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>12.6. Other adverse effects</td>
<td>None.</td>
</tr>
</tbody>
</table>

#### SECTION 13: Disposal considerations

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.1. Waste treatment methods</td>
<td>Dispose of in compliance with all local and national regulations.</td>
</tr>
<tr>
<td>Disposal methods</td>
<td>For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.</td>
</tr>
<tr>
<td>Disposal of packaging</td>
<td>Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.</td>
</tr>
</tbody>
</table>

#### SECTION 14: Transport information

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.6. Special precautions for user</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</td>
<td>The product is not classified as dangerous for carriage.</td>
</tr>
</tbody>
</table>

#### SECTION 15: Regulatory information

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</td>
<td>No data available.</td>
</tr>
<tr>
<td>15.2. Chemical safety assessment</td>
<td>No data is available on this product.</td>
</tr>
</tbody>
</table>

#### SECTION 16: Other information

**Other Information**

- This document differs from the previous version in the following areas:
  - 2 - Further information.

**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.