Flowable Light Curing Composite (All Shades)

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

1.1. Product identifier
Product name: Flowable Light Curing Composite (All Shades)

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
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
2.1.1. Classification - 67/548/EEC
Xi: R36/37/38-43
Symbols: Xi: Irritant.

Main hazards: Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.

2.1.2. Classification - EC 1272/2008
Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;

2.2. Label elements
Hazard pictograms

Signal Word: Warning

Hazard Statement: Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
STOT SE 3: H335 - May cause respiratory irritation.

Precautionary Statement: Prevention
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
Flowable Light Curing Composite (All Shades)

2.2. Label elements

Precautionary Statement: Response
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 - IF ON SKIN: Wash with plenty of water/ .
- 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.
- P312 - Call a POISON CENTER/doctor/ if you feel unwell.
- P321 - Specific treatment (see on this label).
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.

Precautionary Statement: Storage
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.

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>Glass Powder</td>
<td>65997-18-4</td>
<td>40 - 50%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bis GMA</td>
<td>1565-94-2</td>
<td>216-367-7</td>
<td>30 - 40%</td>
<td>Xi; R36/37/38</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TEGDMA</td>
<td>109-16-0</td>
<td>203-652-6</td>
<td>1 - 10%</td>
<td>Xi; R36/37/38-43</td>
<td></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. Seek medical attention.

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
- Inhalation may cause coughing, tightness of the chest and irritation of the 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

No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Carbon oxides.

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

Avoid raising dust. 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

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

6.4. Reference to other sections

SECTION 13: Disposal considerations.

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

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Eye / face protection

Approved safety goggles.

Skin protection - Hand protection

Chemical resistant gloves (PVC).

Respiratory protection

Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Paste

Odour

Characteristic

Solubility

Insoluble in water

9.2. Other information
## Flowable Light Curing Composite (All Shades)

### Section 10: Stability and Reactivity

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.1. Reactivity</td>
<td>No data available.</td>
</tr>
<tr>
<td>10.2. Chemical stability</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>10.3. Possibility of hazardous reactions</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>10.4. Conditions to avoid</td>
<td>Direct sunlight. Heat.</td>
</tr>
<tr>
<td>10.5. Incompatible materials</td>
<td>No data available.</td>
</tr>
<tr>
<td>10.6. Hazardous decomposition products</td>
<td>No data is available on this product.</td>
</tr>
</tbody>
</table>

### Section 11: Toxicological Information

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.1. Information on toxicological effects</td>
<td>Acute toxicity: May cause sensitisation by skin contact.</td>
</tr>
<tr>
<td>11.1.4. Toxicological Information</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### Section 12: Ecological Information

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Information</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 available</td>
</tr>
<tr>
<td>12.6. Other adverse effects</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### Section 13: Disposal Considerations

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Information</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>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.6. Special precautions for user</td>
<td>Print date 2015-06-10</td>
</tr>
</tbody>
</table>

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### 14.6. Special precautions for user

None.

### 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

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

The product is classified in accordance with 67/548/EEC.

### SECTION 16: Other information

#### Other information

This document differs from the previous version in the following areas:

- 2 - 2.1. Classification of the substance or mixture.
- 2 - Hazard pictograms.
- 2 - Signal Word.
- 2 - Precautionary Statement: Response.
- 2 - Precautionary Statement: Storage.
- 2 - Precautionary Statement: Disposal.
- 2 - Further information.

#### Text of risk phrases in Section 3

- R36/37/38 - Irritating to eyes, respiratory system and skin.
- R43 - May cause sensitisation by skin contact.

#### Text of Hazard Statements in Section 3

- Skin Irrit. 2: H315 - Causes skin irritation.
- Eye Irrit. 2: H319 - Causes serious eye irritation.
- STOT SE 3: H335 - May cause respiratory irritation.