SAFETY DATA SHEET
according to Regulation (EU) 2015/830

Reliabond XTRA

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

1.1. Product identifier

Product name

Reliabond XTRA

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
(8.00 am - 4.30 pm Mon - Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC
F+; R12 Xi; R36-43 R66-67

2.1.2. Classification - EC 1272/2008
EUH066; Flam. Liq. 2: H225; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H336;

2.2. Label elements

Hazard pictograms

Signal Word
Danger

Hazard Statement
EUH066 - Repeated exposure may cause skin dryness or cracking.
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
STOT SE 3: H336 - May cause drowsiness or dizziness.
2.2. Label elements

Precautionary Statement: Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/ equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response

P302+P352 - IF ON SKIN: Wash with plenty of water/ .
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/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.
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.
P370+P378 - In case of fire: Use to extinguish.

Precautionary Statement: Storage

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.

Precautionary Statement: Disposal

P501 - Dispose of contents/container to

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

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>Acetone</td>
<td>606-001-00-8</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td>40-50%</td>
<td>F; R11 Xi; R36 R66 R67</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bis GMA</td>
<td>1565-94-2</td>
<td>216-367-7</td>
<td>10-20%</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>
<tr>
<td>6-MHPAc</td>
<td>141451-39-0</td>
<td></td>
<td></td>
<td>1-10%</td>
<td></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>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
<th>M-factor.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>606-001-00-8</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td>40-50%</td>
<td>Flam. Liq. 2; H225; Eye Irrit. 2: H319; STOT SE 3: H336;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bis GMA</td>
<td>1565-94-2</td>
<td>216-367-7</td>
<td>10-20%</td>
<td>Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;</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>Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures
Reliabond XTRA

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.</td>
</tr>
</tbody>
</table>

General information

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Carbon oxides. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Highly flammable. Vapour may travel considerable distance to source of ignition and flash back.

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. Evacuate personnel to a safe area. Eliminate all sources of ignition. 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. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Keep away from sources of ignition - No smoking. Wear suitable protective clothing.

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

<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>Acetone</td>
<td>500</td>
<td>1210</td>
</tr>
<tr>
<td></td>
<td>1500</td>
<td>3620</td>
</tr>
<tr>
<td></td>
<td>500</td>
<td>1210</td>
</tr>
<tr>
<td></td>
<td>1500</td>
<td>3620</td>
</tr>
<tr>
<td></td>
<td>inhalable dust:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>respirable dust:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1500</td>
<td></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 chemical protective clothing.

Eye / face protection
Approved safety goggles.

Skin protection - Hand protection
Chemical resistant gloves.

Respiratory protection
Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>-15 °C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Fat Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity</td>
<td>No data available</td>
</tr>
<tr>
<td>Surface tension</td>
<td>No data available</td>
</tr>
<tr>
<td>Gas group</td>
<td>No data available</td>
</tr>
<tr>
<td>Benzene Content</td>
<td>No data available</td>
</tr>
<tr>
<td>Lead content</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC (Volatile organic compounds)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
10.3. Possibility of hazardous reactions

Oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames.

10.5. Incompatible materials

Strong acids. Strong bases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>May cause dizziness and headache. May cause irritation to skin and eyes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>May cause irritation to skin.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>May cause irritation to eyes.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>May cause dizziness and headache. May cause irritation to mucous membranes.</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

| Partition coefficient | Reliabond XTRA No data available |

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data available.

SECTION 13: Disposal considerations

General information

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

Hazard pictograms

14.1. UN number

3
## Reliabond XTRA

### 14.1. UN number

UN1090

### 14.2. UN proper shipping name

ACETONE

### 14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>ADR/RID</th>
<th>Subsidiary risk</th>
<th>IMDG</th>
<th>Subsidiary risk</th>
<th>IATA</th>
<th>Subsidiary risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>-</td>
<td>3</td>
<td>-</td>
<td>3</td>
<td>-</td>
</tr>
</tbody>
</table>

### 14.4. Packing group

Packing group: II

### 14.5. Environmental hazards

<table>
<thead>
<tr>
<th>Environmental hazards</th>
<th>Marine pollutant</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### ADR/RID

<table>
<thead>
<tr>
<th>Hazard ID</th>
<th>Tunnel Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>(D/E)</td>
</tr>
</tbody>
</table>

### IMDG

<table>
<thead>
<tr>
<th>EmS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-E S-D</td>
</tr>
</tbody>
</table>

### IATA

<table>
<thead>
<tr>
<th>Packing Instruction (Cargo)</th>
<th>Maximum quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>364</td>
<td>60 L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Packing Instruction (Passenger)</th>
<th>Maximum quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>353</td>
<td>5 L</td>
</tr>
</tbody>
</table>

## SECTION 15: Regulatory information

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

No data available.

## SECTION 16: Other information

Other information:

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

1. Classification of the substance or mixture.
3. Hazard pictograms.
10. Ingestion.
11. Precautions for safe handling.
12. Skin protection - Handprotection.
13. Information on basic physical and chemical properties (PH).
14. Information on basic physical and chemical properties (Initial boiling point).
Reliabond XTRA

Other information

9 - 9.1. Information on basic physical and chemical properties (Melting point).
9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).
9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
9 - 9.1. Information on basic physical and chemical properties (Explosive properties).
9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).
9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).
9 - 9.1. Information on basic physical and chemical properties (Relative density).
9 - 9.1. Information on basic physical and chemical properties (Viscosity).
9 - 9.1. Information on basic physical and chemical properties (Vapour density).
9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).
9 - 9.1. Information on basic physical and chemical properties (Freezing Point).
9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).
9 - 9.1. Information on basic physical and chemical properties (Solubility).
9 - 9.1. Information on basic physical and chemical properties (Odour threshold).
9 - 9.2. Other information (Conductivity).
9 - 9.2. Other information (Partition coefficient).
9 - 9.2. Other information (Gas group).
9 - 9.2. Other information (Surface tension).
9 - 9.2. Other information (Benzene Content).
9 - 9.2. Other information (Product Subcategory).
9 - 9.2. Other information (Lead content).
10 - 10.5. Incompatible materials.
11 - Skin corrosion/irritation.
11 - Respiratory or skin sensitisation.
11 - Serious eye damage/irritation.
12 - 12.4. Mobility in soil.
12 - 12.2. Persistence and degradability.
12 - 12.5. Results of PBT and vPvB assessment.
15 - Labelling.
15 - Symbols.
15 - Risk phrases.
15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
16 - Maximum content of VOC.

Text of risk phrases in Section 3

R10 - Flammable
R11 - Highly flammable.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R36 - Irritating to eyes.
R43 - May cause sensitisation by skin contact.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

Text of Hazard Statements in Section 3

EUH066 - Repeated exposure may cause skin dryness or cracking.
Eye Irrit. 2: H319 - Causes serious eye irritation.
STOT SE 3: H336 - May cause drowsiness or dizziness.
Skin Irrit. 2: H315 - Causes skin irritation.
STOT SE 3: H335 - May cause respiratory irritation.

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.