SECTION 1: Identification of Product and Company

Product name: ProVeneer Bond
Manufacturer’s name: Silmet Ltd.
Address: 12 Hassadna St. Industrial Park
City/Country: Or-Yehuda Israel 6022011
Emergency Telephone: 972-3-7353000
Issue Date: 01/12/2015

Product Use:
Limitations on Use: For use only by dental professionals
Specific Use: Dental Adhesive

SECTION 2: Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS#</th>
<th>Hazard Identification &amp; Risk Phrases</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>F, Xi, R11/36/66/67</td>
<td>40.0%</td>
</tr>
<tr>
<td>Urethandimethacrylate</td>
<td>72869-86-4</td>
<td>Xi, R36/37/38</td>
<td>10.0%</td>
</tr>
<tr>
<td>Urethane modified dimethacrylate</td>
<td>126646-17-1</td>
<td>N/E</td>
<td>6.0%</td>
</tr>
<tr>
<td>Triethyleneglycoldimethacrylate</td>
<td>109-16-0</td>
<td>Xi</td>
<td>14.0%</td>
</tr>
<tr>
<td>2-Hydroxyethylmethacrylate</td>
<td>868-77-9</td>
<td>Xi, R36/38-43</td>
<td>10.0%</td>
</tr>
<tr>
<td>Multifunctional dimethacrylates</td>
<td>24448-20-2</td>
<td>Xi, R36/37/38</td>
<td>8.0%</td>
</tr>
<tr>
<td>4-methacryloxyethyltrimellitic acid</td>
<td>70293-55-9</td>
<td>Xn; R22-36/38-43</td>
<td>1.0%</td>
</tr>
<tr>
<td>Fumed Silica</td>
<td>7631-86-9</td>
<td>N/E</td>
<td>1.0%</td>
</tr>
<tr>
<td>Photoinitiators</td>
<td>10287-53-3</td>
<td>Xi, R36/37/38</td>
<td>1.0%</td>
</tr>
<tr>
<td></td>
<td>10334-26-6</td>
<td>N/E</td>
<td></td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>F, R11</td>
<td>9.0%</td>
</tr>
</tbody>
</table>

Additional information: For the wording of the listed risk phrases refer to section 16.
SECTION 3: Hazards Identification

Harmful if swallowed
Xi Irritant; Flammable.

Acute Health Hazards: May cause eye, respiratory and skin irritation.
Signs and Symptoms of Exposure: High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness.
Primary Routes of Exposure: Inhalation, skin contact, eye contact.
Carcinogenicity: NTP – no, OSHA – no, IARC – no.

SECTION 4: First Aid Measures

4.1 First Aid Procedures
Immediately flush contaminated eye/skin area with large amounts of water. Seek medical attention.
Inhalation: Remove person to fresh air, seek medical attention if symptoms persist.
If large ingestion, do not induce vomiting, seek medical attention.

SECTION 5: Fire Fighting Measures

Flash Point: N/E
Extinguishing Media: Carbon dioxide, water spray, dry chemical.
Special Fire Fighting Procedures: Avoid a direct jet of water.
Unusual Fire and Explosion Hazards: None.

SECTION 6: Accidental Release Measures

Environmental Precautions: Avoid seepage into sewers and water supplies.
Clean-Up Procedure: Contain spill and pick up material with a suitable absorbent material.
Place absorbent into a container for later disposal. Clean spill area with detergent and water.

SECTION 7: Handling and Storage

Handling Precautions
Keep away from sources of ignition

Precautions in case of fire and Explosion
Not determined

Storage conditions
Store in a cool, dry place away from heat, light and ignition sources.

Suggested containers
Original containers provided by Manufacturer

Indication for combined storage
Avoid contact with reducing and oxidizing agents, peroxides and amines
Section 8: Exposure controls/Personal Protection

Precautionary Measures
- Local Exhaust Ventilation: Good general ventilation should be sufficient to control airborne levels of vapor released by uncured material.
- Special Ventilation: None Required
- Mechanical Ventilation: Good general ventilation recommended
- Other Ventilation: None required

Limits
- TWA: Not determined
- PEL: Not determined

Respiratory Protection
- Avoid prolonged or excessive breathing of vapor of uncured material

Hands protection
- Rubber gloves recommended when contacting uncured materials

Eye & Skin protection
- Safety glasses with side shields and use of gloves is recommended

Hygienic practices
- Normal safe practices

SECTION 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/E</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>N/E</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>nil</td>
</tr>
<tr>
<td>Appearance &amp; Odor</td>
<td>Light yellow liquid with specific odor</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and Reactivity

Stability:
- Stable if stored and handled as instructed.

Conditions to avoid
- Heat, UV - light

Incompatibility:
- Free radicals, reducing agents, heavy metal ions

Hazardous Polymerization:
- May occur

Hazardous Decomposition:
- Carbon dioxide, carbon monoxide acrylic decomposition products, depending on conditions of heating and burning.

SECTION 11: Toxicological Information

Acute oral toxicity: LD50 (rat) > 500 mg/kg
Irritation of Skin: Dryness and Irritation possible upon prolonged exposure.
Allergic Effects: Methacrylate sensitive individuals may exhibit an allergic reaction.
SECTION 12: Ecological Information

Do not discharge into sewers or water supplies.

**Environmental persistence and degradability:** No data available.

**Ecotoxicity:** No data available.

SECTION 13: Disposable considerations

May be disposed of in landfill or incinerator In accordance with local, state and federal regulations.

SECTION 14: Transport Information

14.1 Transport at land

<table>
<thead>
<tr>
<th>ADR</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Proper shipping name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1170</td>
<td>III</td>
<td>Ethanol Solution</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RID</th>
<th>Kemler Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>---</td>
</tr>
</tbody>
</table>

14.2 Transport at sea

<table>
<thead>
<tr>
<th>ADNR</th>
<th>UN Number</th>
<th>EMS</th>
<th>Packing Group</th>
<th>Proper shipping name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1170</td>
<td>F-E, S-D</td>
<td>III</td>
<td>Ethanol Solution</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IMDG</th>
<th>MFAG</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

14.3 Air transport

<table>
<thead>
<tr>
<th>ICAO / IATA-DGR</th>
<th>UN Number</th>
<th>Proper shipping name</th>
<th>Subsidiary Risk</th>
<th>Labels</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>---</td>
<td>1170</td>
<td>Ethanol Solution</td>
<td>---</td>
<td>Ethanol Solution</td>
<td>III</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>---</td>
</tr>
</tbody>
</table>

**U.S. DOT Shipping Name:** Not Regulated

**U.S. DOT Hazard Class:** None U.N/ N.A.

**Number:** None

**U.S. Dot Packing Group:** None

**Other:** Not considered hazardous cargo.
SECTION 15: Regulatory Information

This product requires classification according to the criteria of EC. The product is a medical device according to the EC-directive 93/42.

15.1 UN Number
15.2 National regulations
15.3 EU number
15.4 Hazard symbols

15.5 Hazard designation

15.6 Risk phrases
R: 11, 36, 37/38, 43
11 Highly flammable.
36 Irritating to eyes.
37/38 Irritating to respiratory system and skin.
43 May cause sensitization by skin contact.

15.7 Safety phrases
S: 2, 9, 16, 23, 26, 28, 24/25, 37/39
2 Keep out of the reach of children.
9 Keep container in a well-ventilated place.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe vapour.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.
28 After contact with skin, wash immediately with plenty of water and soap.
24/25 Avoid contact with skin and eyes.
37/39 Wear suitable gloves and eye/face protection.

U.S. – O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

SECTION 16: Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

Relevant phrases

11 Highly flammable.
22 Harmful if swallowed.
36 Irritating to eyes.
37/38 Irritating to respiratory system and skin.
43 May cause sensitisation by skin contact.
Xn Harmful.