SAFETY DATA SHEET
Premier® IntegraBond™ Universal Light-cure Bonding Agent

1. Chemical Product and Company Identification

Product Name: Premier® IntegraBond™ Universal light-cure bonding agent

Premier® Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462
PH: 610-239-6000  FAX: 610-239-6171

Emergency Phone: 610-239-6000

Indications for Use
IntegraBond™ is a single-step, universal bonding agent indicated for all direct composite / compomer restorations including amalgam bonding, all indirect restorations including cementation of crown and bridge, inlays and onlays, posts and veneers.

Contraindications:
Do not use on patients with known sensitivity or allergy to resins. Wash exposed area completely to remove material. If an allergic reaction is observed, consult a physician immediately and discontinue use with this patient.

2. Hazards Identification.

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.

3. Composition / Information of Hazardous Ingredients

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS#</th>
<th>Hazard Identification &amp; Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>F: Highly Flammable, Irritant, R11/36/66/67</td>
</tr>
<tr>
<td>Urethandimethacrylate</td>
<td>72869-86-4</td>
<td>Irritant, R36/37/38</td>
</tr>
<tr>
<td>Triethyleneglycoldimethacrylate</td>
<td>109-16-0</td>
<td>Irritant</td>
</tr>
<tr>
<td>2-Hydroxyethylmethacrylate</td>
<td>868-77-9</td>
<td>Irritant, R36/38-43</td>
</tr>
<tr>
<td>Multifunctional dimethacrylates</td>
<td>24448-20-2</td>
<td>Irritant, R36/37/38</td>
</tr>
<tr>
<td>4-methacryloxyethyltrimellitic Anhydrid</td>
<td>70293-55-9</td>
<td>Xn; R22-36/38-43</td>
</tr>
<tr>
<td>Photoinitiators</td>
<td>10287-53-3</td>
<td>Irritant, R36/37/38</td>
</tr>
<tr>
<td></td>
<td>10334-26-6</td>
<td>N/E</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>F, R11</td>
</tr>
</tbody>
</table>

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First Aid Measures in Cause of Inhalation

If irritation occurs, take victim to open air.

In case of skin contact: wash with soap and water.

In case of eye contact: Flush with large quantities of water for 15 minutes. Consult a physician.

In case of ingestion: Consult a physician.
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.

6. Accidental Release Measures
   Environmental Precautions: Avoid seepage into suvers 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.

7. Handling and Storage
   Handling: No special measures necessary if handled according to instructions.
   Storage: Keep container tightly closed when not in use. Store in a cool, dry location, below 24ºC. Keep material in original packaging.

8. Exposure Controls/ Personal Protection
   Exposure Controls: Use only in well ventilated areas.
   Hand and Skin Protection: Avoid unnecessary skin contact. Wear latex gloves when handling.
   Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

9. Physical and Chemical Properties
   Appearance: Light yellow liquid.
   Odour: Specific odour.
   Boiling Point: N/A
   Flash Point: N/E
   Solubility in Water: Insoluble
   Vapor Density (Air = 1): N/E
   Vapor Pressure (mm Hg): N/E

10. Stability and Reactivity
    Stability: Stable if handled according to directions.
    Hazardous Reactions: None if handled according to directions
    Hazardous Polymerization: May occur.
    Conditions to Avoid: Heat; UV-light.
    Incompatibility: Free radicals, reducing agents, heavy metal ions.
    Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, acrylic decomposition products, depending on conditions of heating and burning.

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.

12. Ecological Information
    Do not discharge into sewers or water supplies.
    Environmental persistence and degradability: No data available.
    Ecotoxicity: No data available.

13. Disposal Considerations
    May be disposed of in landfill or incinerator In accordance with local, state and federal regulations.
14. Transport Information

14.1 Transport at land
ADR 3
RID 3
UN Number 1170
Kemler Number ---
Packing Group III
Proper shipping name Ethanol Solution

14.2 Transport at sea
ADNR 3
IMDG 3
UN Number 1170
EMS F-E, S-D MFAG
Packing Group III
Proper shipping name Ethanol Solution

14.3 Air transport
ICAO / IATA-DGR ---
UN Number 1170
Proper shipping name Ethanol Solution
Subsidiary Risk ---
Labels Ethanol Solution
Packing Group III

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.

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 1170
15.2 National regulations
15.3 EU number
15.4 Hazard symbols
15.5 Hazard designation
F: Highly Flammable. Contains Ethyl Alcohol.

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 vapor.
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.
16. Other Information

Premier’s revision date: 11/12/2015
Revision Number: 5

Relevant R-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.

Material should be maintained in original containers. Empty containers should not be re-used.

AN SI / NFPA 704 DATA
Fire = 3
Health = 1
Reactivity = 1 Specific

Supplier number: 073014

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