SAFETY DATA SHEET
Premier® Implant Cement™ Plus, Catalyst

1. Chemical Product and Company Identification
Product Name: Premier® Implant Cement™ Plus

Premier® Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462
Phone: 610-239-6000 Fax: 610-239-6171
Emergency Phone: 610-239-6000

Indications:
Premier Implant Cement Plus is a non-eugenol temporary cement for luting implant-retained crowns.

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 in high concentration.
Chronic Health Hazards: Material is not known to cause significant health problems
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 on Hazardous Ingredients

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS #</th>
<th>Hazard Identification &amp; Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethylenglycoldimethacrylate</td>
<td>109-16-0</td>
<td>Irritant, R36/37/38, R43</td>
</tr>
<tr>
<td>Benzoyl Peroxide</td>
<td>94-36-0</td>
<td>Explosive, Irritant</td>
</tr>
<tr>
<td>Fumed Silica</td>
<td>112945-52-5</td>
<td>R36/37/38</td>
</tr>
</tbody>
</table>

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

4. First Aid Measures
In case of inhalation: If irritation occurs, take victim to open air. If breathing difficulty persists, consult a physician.
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/A
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 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.

7. Handling and Storage
Handling: No special measures necessary if handled according to instruction
Storage: Keep container tightly closed when not in use. Store in a cool dry location. Keep material in original packaging. Storage away from light, open flames, contamination and prolonged storage above 24°C (75°F).
8. Exposure Controls / Personal Protection

**Exposure Controls:** Use only in well-ventilated areas

**Respiratory Protection:** Avoid inhalation of vapors. No special protection under normal use.

**Hand and Skin Protection:** Avoid unnecessary skin contact. Wear latex gloves when handling.

**Eye Protection:** Wear safety goggles or safety glasses with side shields 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:** Pink paste.

**Odor:** Specific odor

**Boiling Point:** N/A

**Evaporation Rate (Water = 1):** N/A

**Vapor Density (Air = 1):** N/A

**Solubility in Water:** Insoluble

10. Stability and Reactivity

**Stability:** This material is stable.

**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, water, carbon monoxide, acrylic decomposition products, depending on conditions of heating and burning.

11. Toxicological Information

**Acute oral toxicity:** LD50 (rat) > 5000mg/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

**UN-Number:** DOT, ADR/ADN, ADN, IMDG, IATA

Non-Regulated Material

**UN proper shipping name:**

DOT, ADR/ADN, ADN, IMDG, IATA

Non-Regulated Material

**Transport hazard class(es):**

DOT, ADR/ADN, ADN, IMDG, IATA

Class: Non-Regulated Material

**Packing group:**

DOT, ADR/ADN, IMDG, IATA

Non-Regulated Material

**Environmental hazards:** Not applicable.

**Special precautions for user:** Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

**UN "Model Regulation":** Non-Regulated Material

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.

<table>
<thead>
<tr>
<th>15.1 UN Number</th>
<th></th>
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<tbody>
<tr>
<td>15.2 National regulations</td>
<td></td>
</tr>
<tr>
<td>15.3 EU number</td>
<td></td>
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<tr>
<td>15.4 Hazard symbols</td>
<td>!</td>
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<tr>
<td>15.5 Hazard designation</td>
<td>Irritant</td>
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<td>-------------------------</td>
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<tr>
<td>15.6 Risk phrases</td>
<td>36/37/38 Irritating to eyes respiratory system and skin</td>
</tr>
<tr>
<td></td>
<td>43 May cause sensitization by skin contact</td>
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<tr>
<td>15.7 Safety phrases</td>
<td>S: 2, 9, 16, 23, 26, 28, 24/25, 37/39</td>
</tr>
<tr>
<td></td>
<td>2 Keep out of the reach of children.</td>
</tr>
<tr>
<td></td>
<td>9 Keep container in a well-ventilated place.</td>
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<tr>
<td></td>
<td>16 Keep away from sources of ignition - No smoking.</td>
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<tr>
<td></td>
<td>23 Do not breathe vapour.</td>
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<tr>
<td></td>
<td>26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.</td>
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<tr>
<td></td>
<td>28 After contact with skin, wash immediately with plenty of water and soap.</td>
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<tr>
<td></td>
<td>24/25 Avoid contact with skin and eyes.</td>
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<tr>
<td></td>
<td>37/39 Wear suitable gloves and eye/face protection.</td>
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</tbody>
</table>

**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:** 23-July-2019  
**Revision number:** 0

**Relevant R-phrases**

36/37/38/43: Irritating to eyes respiratory system and skin  
Irritant

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

**ANSI/NFPA 704 Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Fire</td>
<td>1</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Specific Hazard</td>
<td>None</td>
</tr>
</tbody>
</table>

**Supplier’s number:** 073014

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