SAFETY DATA SHEET
Premier® Implant Cement™ Plus, Base

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>
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<tr>
<td>2-Hydroxyethylmethacrylate</td>
<td>868-77-9</td>
<td>Irritant, R36/38-43</td>
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<tr>
<td>Co-initiator</td>
<td>10287-53-3</td>
<td>Irritant, R36/37/38</td>
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<tr>
<td>Fumed Silica</td>
<td>112945-52-5</td>
<td>R36/37/38</td>
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</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: White 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, 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>
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<tr>
<td></td>
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<tr>
<td>15.2 National regulations</td>
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<tr>
<td>15.3 EU number</td>
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</tbody>
</table>
### 15.4 Hazard symbols

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### 15.5 Hazard designation

**Irritant**

### 15.6 Risk phrases

| 36/37/38 Irritating to eyes, 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.

### 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

- **Fire = 1**
- **Health = 0**
- **Reactivity = 0**
- **Specific Hazard = None**

**Supplier’s number: 073014**

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