

# **SAFETY DATA SHEET**

Premier® Implant Cement™, Base

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## **1. Chemical Product and Company Identification**

Product Name: **Premier® Implant Cement™**

### **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 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.

**Hazard symbol:**



## **3. Composition / Information on Hazardous Ingredients**

<b>Hazardous Ingredients</b>	<b>CAS #</b>	<b>Hazard Identification &amp; Risk Phrases</b>
Triethylenglycoldimethacrylate	109-16-0	Irritant, R36/37/38, R43
2-Hydroxyethylmethacrylate	868-77-9	Irritant, R36/38-43
Co-initiator	10287-53-3	Irritant, R36/37/38
Fumed Silica	112945-52-5	R36/37/38

✓ **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

14.1 Transport at land	<b>ADR</b>	<b>RID</b>
	<b>UN Number</b>	<b>Kemler Number</b>
	<b>Packing Group</b>	
	<b>Proper shipping name</b>	
14.2 Transport at sea	<b>ADNR</b>	<b>IMDG</b>
	<b>UN Number</b>	
	<b>EMS</b>	<b>MFAG</b>
	<b>Packing Group</b>	
14.3 Air transport	<b>Proper shipping name</b>	
	<b>ICAO / IATA-DGR</b>	
	<b>UN Number</b>	
	<b>Proper shipping name</b>	
	<b>Subsidiary Risk</b>	
	<b>Labels</b>	
	<b>Packing Group</b>	

**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**

**15.2 National regulations**

**15.3 EU number**

**15.4 Hazard symbols**



<b>15.5 Hazard designation</b>	<b>Irritant</b>
<b>15.6 Risk phrases</b>	<b>36/37/38</b> Irritating to eyes, respiratory system and skin <b>43</b> May cause sensitization by skin contact
<b>15.7 Safety phrases</b>	<b>S: 2, 9, 16, 23, 26, 28, 24/25, 37/39</b> <b>2</b> Keep out of the reach of children. <b>9</b> Keep container in a well-ventilated place. <b>16</b> Keep away from sources of ignition - No smoking. <b>23</b> Do not breathe vapour. <b>26</b> In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. <b>28</b> After contact with skin, wash immediately with plenty of water and soap. <b>24/25</b> Avoid contact with skin and eyes. <b>37/39</b> 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:** 04/14/2015

**Revision number:** 8

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 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 date:** 04/14/2015

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This SDS is offered solely for your information, consideration and investigation. This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. Premier Dental Products Company provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Premier Dental Products Company urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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041548 Rev8

# **SAFETY DATA SHEET**

## **Premier® Implant Cement™, Catalyst**

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### **1. Chemical Product and Company Identification**

Product Name: **Premier® Implant Cement™**

#### **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 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.

**Hazard symbol:**



### **3. Composition / Information on Hazardous Ingredients**

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

✓ **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

### 14.1 Transport at land

**ADR**

**UN Number**

**Packing Group**

**Proper shipping name**

**RID**

**Kemler Number**

### 14.2 Transport at sea

**ADNR**

**UN Number**

**EMS**

**Packing Group**

**Proper shipping name**

**IMDG**

**MFAG**

### 14.3 Air transport

**ICAO / IATA-DGR**

**UN Number**

**Proper shipping name**

**Subsidiary Risk**

**Labels**

**Packing Group**

**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**

**15.2 National regulations**

**15.3 EU number**

**15.4 Hazard symbols**



**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:** 04/14/2015

**Revision number:** 9

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 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 date:** 07/30/2014

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This SDS is offered solely for your information, consideration and investigation. This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. Premier Dental Products Company provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Premier Dental Products Company urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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