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.
Hazard symbol:

3. Composition / Information on Hazardous Ingredients

Hazardous Ingredients	CAS #	Hazard Identification & Risk Phrases
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

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.

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: 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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