SAFETY DATA SHEET
Premier IntegraCem™ Adhesive Resin Cement, Catalyst

1. Chemical product and company identification

Product Name: Premier IntegraCem™ Adhesive Resin Cement, Catalyst
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:
Premier IntegraCem is a resin, dual-cure universal dental cement. IntegraCem can be used for the cementation of endodontic posts, restorations to enamel, dentin or metal, amalgam bonding, porcelain repair, and orthodontic attachment bonding.

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 concentrations.
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 symbols: ⚠

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS #</th>
<th>Hazard Identification &amp; Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bis-GMA</td>
<td>1565-94-2</td>
<td>N/E</td>
</tr>
<tr>
<td>Triethylenglycoldimethacrylate</td>
<td>109-16-0</td>
<td>Irritant</td>
</tr>
<tr>
<td>4-Methacryloxyethyltrimellitic acid</td>
<td>70293-55-9</td>
<td>Xn; R22-36/38-43</td>
</tr>
<tr>
<td>Benzoyl Peroxide</td>
<td>94-36-0</td>
<td>Explosive, Irritant</td>
</tr>
<tr>
<td>Treated Fumed Silica</td>
<td>67762-90-7</td>
<td>N/E</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/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 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. 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. Keep material in original packaging.

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/Range: 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 and contamination.
    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: LD_{50} (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
        Klemmer
        Number
        Proper shipping name
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
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
22 Harmful if swallowed.
36/37/38 Irritating to eyes, respiratory system and skin.
43 May cause sensitization by skin contact.

15.7 Safety phrases

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: 4

Relevant R-phrases
22 Harmful if swallowed.
36/37/38 Irritating to eyes, respiratory system and skin.
43 May cause sensitization by skin contact.
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
The information contained herein is based on our present knowledge. However, this information shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Premier Dental Products Company makes no warranties, express or implied with respect to, and assumes no responsibility or liability for, the accuracy or completeness of the information 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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