SAFETY DATA SHEET
Premier IntegraCem™ Adhesive Resin Cement, Base

1. Chemical product and company identification

Product Name: Premier IntegraCem™ Adhesive Resin Cement, Base
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>Triethylenglycoldimethacrylate</td>
<td>109-16-0</td>
<td>Irritant</td>
</tr>
<tr>
<td>Co-Initiator</td>
<td>10287-53-3</td>
<td>Irritant, R36/37/38</td>
</tr>
<tr>
<td>Photoinitiator</td>
<td>10373-78-1</td>
<td>Irritant, R36/37/38</td>
</tr>
<tr>
<td>Urethandimethacrylate Oligomer</td>
<td>72869-86-4</td>
<td>Irritant, R36-38</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: Yellow 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 : 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
RID
UN Number
Kemler
Number
Packing Group
Proper shipping name

14.2 Transport at sea
ADNR
IMDG
UN Number
EMS
MFAG
Packing Group
Proper shipping name

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
15.6 Risk phrases
36/37/38 Irritating to eyes, respiratory system and skin.
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: 5

Relevant R-phrases
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

Supplier number: 073014

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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