1. Chemical product and company identification
   **Product Name:** Premier® NexTemp® Temporary 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

2. Indications:
   Premier® NexTemp® Temporary Cement is recommended for the cementation of temporary crowns, bridges, inlays and onlays.

3. Contraindications:
   Premier NexTemp Temporary Cement is not intended as a temporary filling material nor is it to be used for pulp capping. 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.

4. Hazard 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.

5. Hazard symbols: ![Safety Data Sheet](image)

6. 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>Dimethacrylate</td>
<td>41637-38-1</td>
<td>Irritant, R36</td>
</tr>
<tr>
<td>Co-initiator</td>
<td>10287-53-3</td>
<td>Irritant, R36/37/38</td>
</tr>
<tr>
<td>Potassium Nitrate</td>
<td>7757-79-1</td>
<td>Oxidizing, R8, R22, R36/37/38</td>
</tr>
<tr>
<td>Fumed Silica</td>
<td>112945-52-5</td>
<td>R36/37/38</td>
</tr>
</tbody>
</table>

- Additional information: For the wording of the listed risk phrases refer to section 16.

7. 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 instructions.
   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: Gold-yellow color
   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
    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
Non-Regulated Material

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
22 Harmful if swallowed.
36/37/38 Irritating to eyes, respiratory system, and skin
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: 06/20/2017
Revision Number: 9

Relevant R-phrases

22 Harmful if swallowed.
36/37/38 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 number: 073014