SAFETY DATA SHEET

PQ™ Amalgam

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: PQ™ Amalgam
PRODUCT DESCRIPTION: Dentin and enamel bonding adhesive
PRODUCT CODE: AP
MANUFACTURER
Ultradent Products, Inc.
505 W. 10200 S.
South Jordan UT 84095

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>EINECS</th>
<th>Classification</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-hydroxyethyl Methacrylate</td>
<td>000868-77-9</td>
<td>212-782-2</td>
<td>Xi; R43</td>
<td>~ 22</td>
</tr>
<tr>
<td>Dehydrated Alcohol</td>
<td>000064-17-5</td>
<td>200-578-6</td>
<td>F+; R11</td>
<td>8.5</td>
</tr>
<tr>
<td>Methacrylic Acid</td>
<td>000079-41-4</td>
<td>201-204-4</td>
<td>C; R34</td>
<td>6</td>
</tr>
</tbody>
</table>

( Full text of R-Phrases can be found under heading 16 )

3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION
"F" - Highly flammable
R11: Highly flammable.
"C" - Corrosive
"Xi" - Irritant
R36/38: Irritating to eyes and skin.

POTENTIAL HEALTH EFFECTS
EYES: Mildly irritating to the eyes.
SKIN: May cause slight irritation.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.
INGESTION: Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
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5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

FIRE FIGHTING EQUIPMENT: Foam, dry chemical, carbon dioxide (CO₂)

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

LARGE SPILL: Absorb with inert, damp non-combustible material, then flush area with water.

7. HANDLING AND STORAGE

HANDLING: Use suitable protective equipment.

STORAGE: Room Temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear eye protection.

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: S38: In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Acrylic

COLOR: Yellow

10. STABILITY AND REACTIVITY

STABILITY: Stable when stored and handled under recommended conditions.

POLYMERIZATION: Polymerization occurs when exposed to visible light, ultraviolet light or extreme heat.

CONDITIONS TO AVOID: Avoid light exposure.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide

11. TOXICOLOGICAL INFORMATION


PQ™ Amalgam

EYE EFFECTS: May cause serious damage.
SKIN EFFECTS: Mildly to moderately irritating.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available. Contact Env. Dept.

13. DISPOSAL CONSIDERATIONS

FOR LARGE SPILLS: Absorb with inert material and flush area with water.

14. TRANSPORT INFORMATION

ROAD AND RAIL (ADR/RID)
PROPER SHIPPING NAME: Alcohols, n.o.s. (Ethyl alcohol mixture)
HAZARD CLASS: 3
PACKING GROUP: III

AIR (ICAO/IATA)
SHIPPING NAME: Alcohols, n.o.s. (Ethyl alcohol mixture)
UN/NA NUMBER: 1987
PRIMARY HAZARD CLASS/DIVISION: 3
PACKING GROUP: III

VESSEL (IMO/IMDG)
SHIPPING NAME: Alcohols, n.o.s. (Ethyl alcohol mixture)
UN/NA NUMBER: 1987
PRIMARY HAZARD CLASS/DIVISION: 3
PACKING GROUP: III

15. REGULATORY INFORMATION

EUROPEAN COMMUNITY
SAFETY DATA SHEET

PQ™ Amalgam

EEC LABEL SYMBOL AND CLASSIFICATION

"F" - Highly flammable
  R11: Highly flammable.

"C" - Corrosive
  R35: Causes severe burns.

"Xi" - Irritant
  R36/38: Irritating to eyes and skin.

16. OTHER INFORMATION

RELEVANT R-PHRASES: R43: May cause sensitization by skin contact.
  R11: Highly flammable.
  R34: Causes burns.

PREPARED BY: Iris McCallister

REVISION SUMMARY: Revision #: 3 This MSDS replaces the February 12, 2007 MSDS. Any changes in information are as follows: In Section 1 MSDS Number CHEMTREC MSDS In Section 14 DOT Proper Shipping Name DOT UN/NA Number IMO Proper Shipping Name AIR Proper Shipping Name IMO UN/NA Number AIR UN/NA Number TDG UN/NA Number TDG Proper Shipping Name IMDGLQ Not Found IMDGSP Not Found ADRSP Not Found ADRSHPNAME Not Found IATASP Not Found

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