



SAFETY DATA SHEET

Date Issued : 02/23/2006

MSDS No : 26-001.6

Date-Revised : 04/17/2012

Revision No : 6

PQ1®

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

PRODUCT NAME: PQ1®**PRODUCT DESCRIPTION:** Dentin and enamel bonding agent**PRODUCT CODE/ PART #:** PO/63311**MANUFACTURER**

Ultradent Products, Inc.
505 W. 10200 S.
South Jordan, UT 84095

24 HR. EMERGENCY TELEPHONE NUMBERS**CHEMTREC (NORTH AMERICA) :**(800) 424 - 9300**(INTERNATIONAL) :**+1(703) 527 - 3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Wt.%
Methacrylic Acid	79-41-4	201-204-4	C,Xi; R34, R21/22	< 10
Ethyl-4-Dimethylamino Benzoate	10287-53-3	233-634-3	Xi; R36/37/38, R22	< 10
Ethyl alcohol	64-17-5	200-578-6	F+; R11, R36/37/38, R22	< 10
2-hydroxyethyl Methacrylate	868-77-9	212-782-2	Xi; R43, R36/38	< 20

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

3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"F" - Highly flammable

R11: Highly flammable.

"Xi" - Irritant

R22: Harmful if swallowed.

R36: Irritating to eyes.

POTENTIAL HEALTH EFFECTS**EYES:** Causes eye irritation.**SKIN:** May cause skin irritation and sensitization.**INGESTION:** May be harmful if swallowed.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.



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INGESTION: If swallowed, rinse mouth with water, Do NOT Induce Vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

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: Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

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

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow to enter sewers or drains that may lead to waterways.

7. HANDLING AND STORAGE

HANDLING: Keep away from heat, sparks and flame.

STORAGE: Keep refrigerated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear eye protection.

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

RESPIRATORY: Good general ventilation should be sufficient to control airborne levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid, medium viscosity

ODOR: Acrylic, pungent

APPEARANCE: Yellow resin

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.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes eye irritation.

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SKIN EFFECTS: May cause skin irritation and sensitization.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Stable when stored and handled under recommended conditions.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

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

LIMITED QUANTITY: 10 L

15. REGULATORY INFORMATION**EUROPEAN COMMUNITY****EEC LABEL SYMBOL AND CLASSIFICATION**

"F" - Highly flammable
R11: Highly flammable.



"Xi" - Irritant
R22: Harmful if swallowed.
R36: Irritating to eyes.

16. OTHER INFORMATION

RELEVANT R-PHRASES: R34: Causes burns.

R21/22: Harmful in contact with skin and if swallowed.

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R36/37/38: Irritating to eyes, respiratory system and skin.

R22: Harmful if swallowed.

R11: Highly flammable.

R43: May cause sensitization by skin contact.

R36/38: Irritating to eyes and skin.

PREPARED BY: Susan Scott

REVISION SUMMARY: This MSDS replaces the 04/17/2012 MSDS.

MANUFACTURER DISCLAIMER: FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.