

SAFETY DATA SHEET

ULTRADENT[®]
PRODUCTS, INC.

Date Issued: 11/01/2006
MSDS No: 68-001.3
Date-Revised: 10/02/2007
Revision No: 2

PermaQuick® Bonding Primer

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

PRODUCT NAME: PermaQuick® Bonding Primer
PRODUCT DESCRIPTION: Dentin and enamel bonding primer

MANUFACTURER

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

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (NORTH AMERICA) :(800) 424 - 9300
(INTERNATIONAL) :(703) 527 - 3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Content
Dehydrated Alcohol	000064-17-5	200-578-6	F+; R11	20
2-hydroxyethyl Methacrylate	000868-77-9	212-782-2	Xi; R43	~ 47.5
Methacrylic Acid	000079-41-4	201-204-4	Xn; R21/22, R34	6

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

3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"F" - Highly flammable
R11: Highly flammable.
"Xn" - Harmful
R21/22: Harmful in contact with skin and if swallowed.

POTENTIAL HEALTH EFFECTS

EYES: Mildly irritating to the eyes.
SKIN: May cause skin irritation.

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.

INGESTION: S44: If you feel unwell, seek medical advice (show the label where possible)

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained

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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: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

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: Slight balsam odor

COLOR: Clear yellow to yellow brown.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Heat, flames, ignition sources, direct light, and incompatibles.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: May cause mild irritation.

SKIN EFFECTS: May cause slight irritation.

12. ECOLOGICAL INFORMATION

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

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: 1 L

15. REGULATORY INFORMATION

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



"F" - Highly flammable
R11: Highly flammable.



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

16. OTHER INFORMATION

RELEVANT R-PHRASES:R11: Highly flammable.
R43: May cause sensitization by skin contact.
R21/22: Harmful in contact with skin and if swallowed.

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R34: Causes burns.

PREPARED BY: Iris McCallister

REVISION SUMMARY: Revision #: 2 This MSDS replaces the February 13, 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 Secondary Hazard Class/Division IMO UN/NA Number TDG Secondary Hazard Class/Division AIR Secondary Hazard Class/Division AIR UN/NA Number TDG UN/NA Number TDG Proper Shipping Name DOT Secondary Hazard Class/Division IMDGSP Not Found ADRCC Not Found ADRSP Not Found ADRSHPNAME Not Found IATASP Not Found In Section 15 EEC Symbol Id. EEC Risk Phrase Codes

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, Ultradent Products, Inc., 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.