

MATERIAL SAFETY DATA SHEET

Bond Boost SE™ Self-Etching Bond Enhancer

Revision A *EU acc. To ISO 11014*

Last revised: 13-July-2006

Approved for use: 12-September-2006

1. Chemical Product and Company Identification

Product Name: Premier® Bond Boost SE™ Self-Etching Bond Enhancer
*Universal, No-Rinse, Multi-Purpose Adhesive Primer,
and Bond Coupling Agent*

Manufacturer:

Premier Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462
PH: 610-239-6000; FAX: 610-239-6171

2. Composition/Information of Hazardous Ingredients

Hazardous Ingredients	CAS #	Hazard Identification & Risk Phrases
2-Hydroxyethylmethacrylate (HEMA)	868-77-9	Xi, R/36/38-43
Polymerization accelerators	60506-81-2	N/E
Methacrylated phosphoric acid esters	32435-46-4	Xi, R/36/38-43
4-Methacryloxyethyltrimellitic acid	70293-55-9	Xn;R22-36/38-43
Dendritic Polymer	362603-93-8	N/E
Chlorhexidine digluconate	18472-51-0	N/E
Water	-	N/E
Acetone	67-64-1	F, Xi, R11/36/66/67
Ethyl alcohol	64-17-5	F, R11

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

3. Hazard Identification. Xi: Irritant; F: Flammable

Acute Health Hazards: May cause eye, respiratory and skin irritation in high concentrations.

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

4. First Aid Measures

Inhalation: take victim to open air.

Skin or 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: 18°C (64°F Ethanol)

Extinguishing Media: Water spray, dry chemical

Unusual Fire and Explosion Hazards: None

6. Accidental Release Measures

Clean-Up Procedure: 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

8. Exposure Controls/ Personal Protection

Respiratory Protection: Avoid inhalation of vapors. No special protection under normal use

Hand and Skin Protection: Avoid unnecessary skin contact.

9. Physical and Chemical Properties

Appearance: Transparent liquid

Odor: Weak, ester like odor

Boiling Point: N/A

Flash Point: 18°C (64°F Ethanol)

Solubility in Water: Soluble

Vapor Density (Air = 1): N/E

Vapor Pressure (mmHg): N/E

10. Stability and Reactivity

Stability: This material is stable

Hazardous Reactions: None if handled according to directions

Hazardous Polymerization: None

Conditions to Avoid: Heat

Incompatibility: Reducing agents

11. Toxicological Information

Irritation of Skin: Dryness and irritation possible upon prolonged exposure

Allergic Effects: Methacrylate-sensitive individuals may exhibit an allergic Reaction

12. Ecological Information

Environmental persistence and degradability: No data available.

Ecotoxicity: No data available.

Do not discharge into sewers or water supplies

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	3	RID	3
	UN Number	1170	Kemler Number	---
	Packing Group	III		
14.2 Transport at sea	Proper shipping name		Ethanol Solution	
	ADNR	3	IMDG	3
	UN Number	1170		
	EMS	F-E, S-D	MFAG	
	Packing Group	III		
	Proper shipping name		Ethanol Solution	
14.3 Air transport	ICAO / IATA-DGR	---		
	UN Number	1170		
	Proper shipping name		Ethanol Solution	
	Subsidiary Risk	---		
	Labels		Ethanol Solution	
	Packing Group	III		

U.S. DOT: Shipping Name: Not Regulated

U.S. DOT: Hazard Class: None U.N/ N.A.

Number: 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: Xi,  F 

15.5 Hazard designation: Xi: Irritant. F: Flammable. Contains Ethyl Alcohol, HEMA, Methacryloxyethyltrimellitic acid, Acetone.

15.6 Risk phrases **R: 11, 22, 36, 37/38, 43, 66, 67 11 Highly flammable.**
22 Harmful if swallowed.
36 Irritating to eyes
37/38 Irritating to respiratory system and skin

- 43 May cause sensitization by skin contact
- 66 Repeated exposure may cause skin dryness or cracking
- 67 Vapors may cause drowsiness and dizziness

15.7 Safety phrases

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 vapor
- 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

These data are based on our present knowledge; however, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

Relevant R-phrases

- 11 Highly flammable.
- 22 Harmful if swallowed.
- 36 Irritating to eyes.
- 37/38 Irritating to respiratory system and skin.
- 43 May cause sensitization by skin contact.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapors may cause drowsiness and dizziness.

Xn Harmful.

Material should be maintained in original containers. Empty containers should not be re-used.

AN SI / NFPA 704 DATA

Fire = 3

Health = 1

Reactivity = 1 Specific

This information is based on data considered accurate; however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from use thereof. In no event will the manufacturer or distributor be responsible for damages of any nature whatsoever resulting from the use of, or reliance upon this information. General properties described herein are to be regarded as guides and are not guaranteed for all samples.

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