FUSION BOND 7 / FUSION SELF ETCH BOND

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THE FUTURE OF DENTISTRY

Light Curing Self Etching
One Component Bonding Adhesive

Product Description : Fusion Bond 7 combines the ingredients needed for etching, priming, and bonding into a single adhesive, thereby eliminating separate etching and priming steps of the bonding process. Fusion Bond 7 adhesive can be used for the bonding of both direct and indirect restorations.

Composition : Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Bisphenol A Glycidyl Methacrylate, HEMA, Primers, Photoinitiators, Solvent and Stabilizers.

Intended Purpose / Intended Use : It is used as an adhesive for the bonding of both direct and indirect restorations.

Indications for Use:

Direct Applications :

1. Light-cured composite and compomer restorations.
2. Composite/ceramic/ metal repairs.
3. Cavity sealing for amalgam restorations.
4. Light-cured or dual-cured core build-ups.

Indirect Applications :

1. Veneers **2.** Porcelain, composite, and metal-based inlays, onlays, crowns, bridges. **3.** Endodontic posts. **4.** Cavity sealing as a pretreatment for indirect restorations.

Instructions for Use :

For bonding direct restorations: (Bonding Composites/Compomers to Dentin/Enamel)

1. Prepare cavity. Wash thoroughly with water spray and air dry (Do not desiccate). Note : For optimal adhesion, always prep (bevel) all enamel and/or margins prior to application of Fusion Bond 7 adhesive.
2. Shake Fusion Bond 7 adhesive bottle briefly. Note : Upon first use, shake Fusion Bond 7 adhesive bottle vigorously for 20 - 30 seconds.
3. Dispense 2-3 drops of Fusion Bond 7 adhesive into a clean well. Replace cap immediately after dispensing.
4. Using the disposable applicator brush, apply a generous amount of Fusion Bond 7 adhesive to the enamel/dentin surface. Scrub the surface with a brushing motion for 20 seconds.
5. Apply a second application of Fusion Bond 7 adhesive with a brushing motion for 20 seconds.
6. Dry the adhesive with gentle air first and then medium air for at least 5 seconds with oil-free air.
7. Light cure for 20–30 seconds.
8. Apply composite according to manufacturer's instructions for use.

Instructions for bonding Indirect Restorations: Veneers, crowns, bridges, inlays, onlays and metal-based restorations (Used in conjunction with luting cement)

1. Clean the preparation. Wash thoroughly with water spray and air dry (Do not desiccate).
2. Shake Fusion Bond 7 adhesive bottle briefly. **Note :** Upon first use, shake Fusion Bond 7 adhesive bottle vigorously for 10 sec.
3. Bottle Delivery : Dispense 2-3 drops of Fusion Bond 7 adhesive into a clean well. Replace cap immediately after dispensing.
4. Using the disposable applicator brush, apply a generous amount of Fusion Bond 7 adhesive to the enamel/dentin surface. Scrub the surface with a brushing motion for 20 seconds.
5. Apply a second application of Fusion Bond 7 adhesive with a brushing motion for 20 seconds.
6. Dry the adhesive with gentle air first and then medium air for at least 5 seconds with oil-free air. Avoid pooling of adhesive before light curing.
7. Light cure for 20–30 seconds.
8. The dispensed material shall not be placed back in the container and the dose once applied or used shall not be reused.

Warnings : Fusion Bond 7 adhesive is an irritant. Contact with the skin, mucous membranes or eyes should be avoided. In case of skin contact, immediately wash with soap and water. If the material should come into contact with the eyes, immediately rinse with copious amounts of water for at least 15 minutes and consult a physician or ophthalmologist. In rare cases, contact with the skin may lead to a sensitization towards methacrylates. Commercial medical gloves do not provide protection against the sensitizing effects of methacrylate.

Precautions:

1. Do not use Fusion Bond 7 for any purpose other than those listed in the indications for use.
2. Do not mix with other adhesives or other products.
3. Personal protective equipment (PPE) such as gloves, face masks and safety eyewear should be worn while using the product.

Contraindications :

1. Do not use Fusion Bond 7 adhesive if a patient is known to be allergic to any of the material's ingredients or if the stipulated working technique cannot be used.
2. Do not use Fusion Bond 7 adhesive for direct pulp capping.

Storage Conditions : Store at temperature between 10°C(50°F) to 24°C(75°F). Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf Life : 3 years from the date of manufacturing.

Ref : 10001 **(Fusion Bond 7)**, Ref : 10001-1 **(Fusion Self Etch Bond)**

Intro Pack : 5ml Plastic Dropper Bottle in a mono carton.

Ref : 10002 **(Fusion Bond 7)**, Ref : 10002-1 **(Fusion Self Etch Bond)**

Economy Pack : 2 x 5ml Plastic Dropper Bottles + 40 x Micro Brushes in a kit

Disposal conditions :

To be disposed off based on the prevailing rules of the country in which it is used.

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UDI Symbol for "UNIQUE DEVICE IDENTIFIER"

MD Symbol for "MEDICAL DEVICE" Symbol for "CORROSIVE"

LOT Symbol for "BATCH CODE" Symbol for "USE-BY DATE" Symbol for "NON STERILE" Symbol for "KEEP DRY"

Symbol for "CAUTION" Symbol for "CONSULT INSTRUCTION FOR USE" REF Symbol for "CATALOGUE NUMBER"

EC REP Symbol for "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION"

Symbol for "DO NOT USE IF PACKAGE IS DAMAGE" Symbol for "KEEP OUT OF THE REACH OF CHILDREN" Symbol for "MANUFACTURER"

Symbol for "TEMPERATURE LIMIT" Symbol for "KEEP AWAY FROM SUNLIGHT" Symbol for "FLAMMABLE"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding. For feedback, complaints and reporting of unexpected events contact customer care.