



# M&C PRIMER

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## INSTRUCTIONS

**IMPORTANT :**  
READ ALL INSTRUCTIONS THOROUGHLY BEFORE USE.  
KEEP THIS LEAFLET AND REFER TO IT PERIODICALLY.

Dental prosthesis priming agent

## M&C PRIMER

FOR DENTIST USE ONLY

### 1. Product Overview

M&C PRIMER is a priming agent for ceramic/zirconia, resin composite and metal surface. Using M&C PRIMER enhances the strength and durability of the bonding by modifying the surface of adherends.

#### Indications:

M&C PRIMER is indicated for the followings:

- Pretreatment of dental prostheses.
- Pretreatment of ceramic/zirconia, resin composite and metal for orthodontic bracket.

#### Contraindications:

Patient who has a history of severe allergic reactions to this product or methacrylate monomers and acetone.

#### Side effects:

In rare cases, components of M&C PRIMER may lead to sensitization. In such cases, M&C PRIMER should no longer be used.

### 2. Components

M&C PRIMER

- M&C PRIMER A ----- 5 mL
  - M&C PRIMER B ----- 5 mL
- Attached document: Instruction

### 3. Compositions

M&C PRIMER A: Methacrylate monomers, Acetone, Others.

M&C PRIMER B: Methacrylate monomer, Silane coupling agent.

### 4. Precautions

#### 4.1 Safety precautions

- M&C PRIMER contains substances, such as methacrylate monomers and/or acetone, that may cause allergic reactions. It is not for use on or by persons who are sensitive to acrylates, methacrylates or similar materials and acetone. Exposure to uncured resins may cause irritation, dermatitis or inflammatory reactions to tissues (skin, mucosa, eyes, etc.) of sensitive individuals. If this occurs, discontinue the use, flush area with copious amounts of water and seek medical attention, if necessary.
- Avoid M&C PRIMER contacts with soft tissues, skin or eyes. Contaminated area should be wiped off immediately with alcohol and then rinse thoroughly with copious amounts of running water. If M&C PRIMER enters the eye, rinse immediately and thoroughly with copious amounts of running water and have the patient examined by an ophthalmologist.
- Avoid accidental ingestion while applying and drying M&C PRIMER. When ingested, seek the patient medical attention, if necessary.
- Handle M&C PRIMER in a well ventilated area (air out the area several times per hour). In case of inhalation of the vapor, move for fresh air.
- M&C PRIMER is highly volatile and flammable. Do not store where they may be exposed to open flame.

#### 4.2 Common precautions

- The use of rubber dam is recommended.
- Dentists should wear dental gloves.
- Do not mix components with those of other materials.
- Use this product only for the applications recommended in this instruction.

#### 4.3 Handling precautions

- Contaminated surface with such as oil, blood and saliva will lower the bond strength. Clean the tooth and prosthesis thoroughly after try-in. After cleaning, take care to avoid re-contamination by isolating the surface adequately. Using rubber dam is highly recommended. Applying phosphoric acid etching agent (sold separately, for example, Super-Bond C&B Red Activator or Enamel Etchant Gel) will help remove surface contaminants, and ultrasonic cleaner is also effective. If re-contamination occurs, clean, dry and reapply M&C PRIMER. Refer to the instruction provided for the etchant of your choice.
- M&C PRIMER is highly volatile. Firmly recap immediately after use.
- M&C PRIMER is volatile. Use it immediately after dispensing.
- When dispensing M&C PRIMER, hold the bottle perpendicular to the mixing well. Allow the drops to fully form to have volume constant and to prevent contamination of the nozzle. If the nozzle gets contaminated, wipe it off with cotton pledget.

⑤M&C PRIMER should be applied only once to form a single layer. Repeated application will lower the bond strength.

⑥Dispensed M&C PRIMER is single use only. Dispose of any leftover materials properly.

### 5. Storage

#### 1. Storage conditions

- Store M&C PRIMER at room temperature, between 1 - 30°C and in a dark location. High temperature, high humidity and direct sunlight will shorten shelf-life.
- Do not use this product after the expiration date. See outer package for expiration date.

#### 2. Product life time

Product life time can be shortened depending on the circumstances of use. Read all provided instructions carefully before use.

### 6. Disposal

Dispose of empty containers or packages in accordance with local regulations.

**As in any dental treatment, the patient's individual constitution and the unique requirements of clinical case must be considered before selecting materials and conditions for use.**

### 7. How to use

#### ①Cleaning

Clean all surfaces to be bonded following the usual procedure.

#### ②Pretreatment

Pretreat and condition the surface to be bonded, following the specific instructions of each prosthetic material and product. Roughen up the surface with diamond bur or sandblast if necessary.

#### ③Preparation of the mixture of M&C PRIMER

Dispense M&C PRIMER A and B to a disposable mixing well and mix a sponge pledget or brush. Use equal number of drops of A and B. Use immediately after dispensing as the mixture evaporates quickly.

[Mixing ratio]

A : B = 1 : 1

#### ④Application of M&C PRIMER

Apply a generous coat on the prosthesis' entire surface to be bonded then thoroughly air dry after. No need to wait before drying. M&C PRIMER should be applied only once to form a single layer. Repeated application will lower the bond strength.

**Note:** Pretreatment of tooth with M&C PRIMER will not enhance the adhesion. Please use adequate pretreatment methods (sold separately, for example Teeth Primer) to condition the enamel and dentin for bonding. Refer to the instruction provided for the pretreatment of your choice.

#### ⑤Cementation

Apply the adhesive resin cement according to the IFU of the product to be used (for example, dental adhesive cement "Super-Bond").