



# Super-Bond Brush-dip

Dental Adhesive Resin Cement

## Starter Kit

EN

## INSTRUCTIONS

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

Dental Adhesive Resin Cement

## Super-Bond Brush-dip Starter Kit

FOR DENTIST USE ONLY

## 1. Product Overview

Super-Bond Brush-dip Starter Kit is a self-curing adhesive resin cement, it contains 4-META\*, MMA\*, TBB\* and PMMA\*\* (4-META / MMA-TBB resin). It may be used to cement all fixed dental prosthesis fabricated from a wide range of dental materials.

\*4-methacryloyloxyethyl trimellitate anhydride  
\*\*Methyl methacrylate  
\*Tri-n-butyl borane  
\*\*Poly methyl methacrylate

## Intended use:

Super-Bond Brush-dip Starter Kit is intended to adhere to tooth enamel, dentin, metal, ceramic, zirconia and resin composite with the appropriate surface pre-treatment.

## Indications:

Super-Bond Brush-dip Starter Kit is indicated for the followings:

- a. Orthodontic application
- b. Direct bonding of tooth
- c. Direct bonded bridge
- d. Repair of fractured prostheses

## Contraindications:

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

## Side effect:

In rare cases, components of Super-Bond Brush-dip Starter Kit may lead to sensitization. In such cases, Super-Bond Brush-dip Starter Kit should not be used.

## 2. Components

Super-Bond Brush-dip Starter Kit<sup>5</sup> ..... Class IIa

[Class IIa

| Components                             | Amount or quantity in the kit |
|--|-------------------------------|
| ① Super-Bond Brush-dip Initiator       | 1 x 0.3 mL                    |
| ② Super-Bond Brush-dip Monomer         | 1 x 3.5 mL                    |
| ③ Super-Bond Polymer (Brush-dip Clear) | 1 x 1.5 g                     |
| ④ Enamel Etchant Gel                   | 1 x 1 mL                      |

[Class I

| Accessories                | Amount or quantity in the kit |
|----------------------------|-------------------------------|
| ⑤ Dispensing Stand         | 1                             |
| ⑥ Dispensing Cups          | 20                            |
| ⑦ Brush Handle (Bent)      | 1                             |
| ⑧ Brush Tips (Brush-dip L) | 20                            |
| ⑨ 23G Needle Tip           | 5                             |

■ Attached documents: Instructions, Pictorial Instruction Card, Precautions

\*Components of the kit may be purchased individually.

## 3. Compositions

- ① Super-Bond Brush-dip Initiator:  
Partially oxidized tri-n-butyl borane, Others.
- ② Super-Bond Brush-dip Monomer:  
Methacrylate monomers, Others.
- ③ Super-Bond Polymer (Brush-dip Clear):  
Poly methyl methacrylate, Others.
- ④ Enamel Etchant Gel:  
Phosphoric acid, Water, Thickener, Pigment Others.

| Components | Form                                     |
|------------|--|
| ①          | Colorless transparent liquid             |
| ②          | Colorless pale yellow transparent liquid |
| ③          | White powder                             |
| ④          | Red gel                                  |

## 4. Precautions

## 4.1 Safety precautions

① Super-Bond Brush-dip Starter Kit components contain substances, such as methacrylate monomers, that may cause allergic reactions. They are not for use on or persons who are sensitive to acrylates, methacrylates or similar materials. Exposure to uncured resins may cause irritation, dermatitis or inflammatory reaction in skin, mucous, eyes, etc.) of sensitive individual. If this occurs, discontinue the use, flush area with copious amounts of water and seek medical attention, if necessary.

② Avoid Super-Bond Brush-dip Starter Kit components 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 the components enter the eye, rinse immediately and thoroughly with copious amounts of running water and have the patient examined by an ophthalmologist.

③ Avoid Super-Bond Brush-dip Starter Kit components with Super-Bond Brush-dip Initiator components. When ingested, seek the medical attention, if necessary.

④ Handle Super-Bond Brush-dip Starter Kit components in a well ventilated area (air out the area several times per hour). In case of inhalation of the vapor, move for fresh air.

⑤ Super-Bond Brush-dip Initiator and Super-Bond Brush-dip Monomer are highly volatile and flammable. Do not store where they may be exposed to open flame.

## 4.2 Common precautions

① The use of rubber dam is recommended.

② Dentists should wear dental gloves.

③ Do not mix components with those of other materials.

④ This product only for the applications recommended in these instructions.

## 4.3 Handling precautions

① Contaminated surface with such as oil, blood, saliva and biofilms will lower the bond strength. Clean the tooth and prosthesis thoroughly. After cleaning, take care to avoid re-contamination by isolating the surface adequately. Using rubber dam is highly recommended.

② Fluoride containing tooth bond strength. Dental paste containing fluoride or oil should be avoided for cleaning tooth surface.

③ Eugenol is a polymerization inhibitor. Therefore, eugenol-contained bases and cements should not be used with Super-Bond Brush-dip Starter Kit components.

④ Sodium hypochlorite is a polymerization inhibitor. When using Super-Bond Brush-dip Starter Kit on the dentin surface treated with sodium hypochlorite, Super-Bond C Green Activator or Dentin Etchant Gel should be applied after sodium hypochlorite use. The treatment duration with sodium hypochlorite should be limited to 1 minute. Details on how to use Super-Bond C Green Activator or Dentin Etchant Gel can be found in the attached document.

⑤ Super-Bond Brush-dip Initiator and Super-Bond Brush-dip Monomer are highly volatile. Firmly recap immediately after use.

⑥ The Activated Liquid (mixture of Super-Bond Brush-dip Initiator and Super-Bond Brush-dip Monomer) gradually deactivates. Use it within 5 minutes after mixing.

[Activated Liquid mixing ratio]  

| Activated Liquid             |                                |
|------------------------------|--------------------------------|
| Super-Bond Brush-dip Monomer | Super-Bond Brush-dip Initiator |
| 4 drops                      | 1 drop                         |
| 8 drops                      | 2 drops                        |

⑦ Application of the Super-Bond Brush-dip Starter Kit (resin) cement

Attach Brush Tip to Brush Handle. Wet the Brush Tip with the Activated Liquid then touch the Super-Bond Polymer (Brush-dip Clear) in the cup lightly with the very tip of the brush. A small ball of Super-Bond Polymer (Brush-dip Clear) will form at the end of the brush and can be picked up. Transfer and apply the Polymer ball onto the surface to be bonded. As soon as it touches the surface, the Polymer will spread out to form a creamy, homogeneous cement layer. If necessary, repeat the procedure until the entire surface is covered with the adequate amount of cement.

⑧ Super-Bond Brush-dip Starter Kit may be discolored, if combined with a temporary cement containing tannic acid.

⑨ Super-Bond Brush-dip Starter Kit components is single use only. Do not return dispensing stand to the original container. Discard of leftover material properly. After using Super-Bond Brush-dip Starter Kit in the Brush-dip technique, dispose of any excess Super-Bond Polymer (Brush-dip Clear) in the dish.

⑩ Brush Tips and Dispensing Cups are single use only. Do not reuse. Discard after each use.

⑪ When a preparation is deep, close to the pulp, protect the pulp with appropriate material.

⑫ Before using the accessories, check for damage, cracks, scratches, discoloration, etc., and stop using them if there is any abnormality.

## 4.4 Precautions on Super-Bond Brush-dip Initiator

When exposed to air or water, Super-Bond Brush-dip Initiator can lose activity and generate heat. Abide by the following:

① Storage conditions  
Avoid high temperature, high humidity and direct sunlight. The repeated change in temperature may cause the syringe to aspirate air, thereby shortening the Super-Bond Brush-dip Initiator's shelf-life.

② After being stored, the Super-Bond Brush-dip Initiator may become less active due to its exposure to the air (oxygen), though the rest of the material in the container remains unaffected. Disposing of a drop before using will ensure the proper chemical reaction.

The syringe is made of glass, therefore it must be handled carefully to avoid shock, dropping, and other physical damage.

③ After use  
Turn the syringe screw two turns counter-clockwise after each use to relieve the pressure of the Super-Bond Brush-dip Initiator barrel. Built up pressure can cause leakage of the Super-Bond Brush-dip Initiator or in some case crack the cap seat.

④ Cleaning syringe  
Wipe the tip of the syringe with a dry gauze after each use to prevent residue building up. The gauze used should be saturated with water to fully deactivate Super-Bond Brush-dip Initiator before disposal. Buildup of the residue may cause the cap seat improperly.

⑤ Nettoyage le Super-Bond Brush-dip Initiator renversé immédiatement avec des serviettes humides  
Si le Super-Bond Brush-dip Initiator est absorbé par un matériau combustible, il peut augmenter suffisamment la température pour provoquer une combustion lente. Le Super-Bond Brush-dip Initiator renversé ou non utilisé doit être immédiatement tamponné avec une serviette jetable HUMIDE (pas sèche). Ensuite, servir la serviette jetable à l'eau courante pour désactiver complètement le Super-Bond Brush-dip Initiator à l'eau courante.

⑥ Problème pour exprimer le Super-Bond Brush-dip Initiator  
Si le Super-Bond Brush-dip Initiator ne forme pas de goutte en raison du blocage de l'ouïe ou si la vis ne tourne pas, ne forcez. Le contenu peut éclabousser si la seringue en verre se casse. Veuillez contacter votre distributeur.

## FR

## INSTRUCTIONS

## IMPORTANT :

LIRE ATTENTIVEMENT LE MODE D'EMPLOI AVANT L'USAGE.  
CONSERVER CETTE BROCHURE ET S'Y REFERER RÉGULIÈREMENT.

Ciment Dentaire Adhésif à Base de Résine

## Super-Bond Brush-dip Starter Kit

## A L'USAGE EXCLUSIF DES DENTISTES

## 1. Généralités

Super-Bond Brush-dip Starter Kit est un ciment résine adhésif auto polymérisant qui contient du 4-META\*, MMA\*, TBB\* et le PMMA\*\* (4-META / MMA-TBB résine). Il peut être utilisé pour coller tous types de prothèses dentaires fabriquées avec une large gamme de matériaux dentaires.

- Anhydride de trimétilate de 4-méthacryloyloxyéthyle
- Méthacrylate de méthyle
- Tri-n-butyl borane
- Poly-méthacrylate de méthyle

Super-Bond Brush-dip Starter Kit est conçu pour adhérer à l'émail dentaire, le métal, la dentine, la céramique, la zirconie et la résine composite avec le pré-traitement approprié.

## Indications:

Super-Bond Brush-dip Starter Kit est indiqué pour:

- a. Usage Orthodontique
- b. Fixation directe des dents mobiles
- c. Bridge collé directement
- d. Réparation de protthèses cassées

## Contre-indications:

Patient présentant des réactions allergiques sévères à ce produit ou aux monomères de méthacrylate et à l'acétone.

## Effets secondaires:

Dans de rares cas, les composants du Super-Bond Brush-dip Starter Kit peuvent entraîner une sensibilisation. Dans ce cas ne plus utiliser le Super-Bond Brush-dip Starter Kit.

## 2. Composants

## 6.1 Disposal of Super-Bond Brush-dip Initiator

## 1) Disposal of Super-Bond Brush-dip Initiator contents

① Préparez une conteneur (glass, plastic, métal, etc.) pour l'élimination (évitez d'utiliser des plastiques).

② Remplissez le conteneur avec l'éthanol solution ajustée à une concentration d'éthanol d'environ 50 % en volume.

③ Versez le contenu de la solution dans 100 ml de solution d'éthanol par Super-Bond Brush-dip Initiator (0.7 ml).

④ Déposez le Super-Bond Brush-dip Initiator dans la solution d'éthanol dans laquelle le Super-Bond Brush-dip Initiator a été écoulé pendant au moins 24 heures.

⑤ Éliminez le Super-Bond Brush-dip Initiator dans l'éthanol solution dans l'élimination conformément à la réglementation locale.

## 2) Disposal of empty syringe of Super-Bond Brush-dip Initiator

① Retirez la seringue et videz la seringue de Super-Bond Brush-dip Initiator dans l'eau pendant 24 heures ou plus.

② Éliminez le Super-Bond Brush-dip Initiator résiduel dans la solution d'éthanol préparée jusqu'à ce que la vis arrête de tourner. Laissez reposer la solution d'éthanol dans laquelle le Super-Bond Brush-dip Initiator a été écoulé pendant au moins 24 heures.

③ Jetez le Super-Bond Brush-dip Initiator contenant le Super-Bond Brush-dip Initiator conformément à la réglementation locale.

## 3) Disposal of components except Super-Bond Brush-dip Initiator

① Disposez de contenants, containers ou package except Super-Bond Brush-dip Initiator in accordance with local regulations to prevent environmental discharge.

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

## 4. Comment l'utiliser

## 7.1 Préparation de la surface

Il est essentiel de bien préparer toutes les surfaces devant être collées au Super-Bond Brush-dip Starter Kit. La méthode de préparation peut varier selon la nature du support.

## 1) Surface de la dent

## ① Nettoyage

Nettoyer toutes les surfaces à coller selon la technique habituelle. Si nécessaire, nettoyer toutes les surfaces à l'aide d'une cuillère de polissage avec de la poudre fine sans huile ni sucre. Rinsez soigneusement et séchez.

L'isoler avec une protection en caoutchouc ou des rouleaux de coton est recommandé.

## ② Application du Enamel Etchant Gel

Clean all surfaces to be bonded following the

**IMPORTANTE:**  
LEGGERE ATTENTAMENTE LE ISTRUZIONI PRIMA DELL'USO.  
CONSERVARE QUESTO FOGLIETTO E FAR RIFERIMENTO AD ESSO PERIODICAMENTE.

## Cemento Dentale a Base di Resina Adesiva

### Super-Bond Brush-dip Starter Kit

SOLO PER USO DENTISTICO

**1. Presentazione del prodotto**  
Super-Bond Brush-dip Starter Kit è un cemento a base di resina adesiva autopolimerizzante, contiene 4-META\*, MMA\*, TBB\* e PMMA\*\* (resina 4-META / MMA-TBB). Può essere utilizzato per cementare tutte le protesi dentali fisse fabbricate con una vasta gamma di materiali dentali.

\*4-metaciloliosito trimellitido anidride  
\*\*Metil metacrilato  
\*\*\*Tr-n-butillorano  
\*\*\*\*Polimetil metacrilato

**Uso previsto:**

Super-Bond Brush-dip Starter Kit aderisce allo smalto dentale, metallo, ceramica, zirconio e resina composta dopo un appropriato pretrattamento della superficie.

**Indicazioni:**

Super-Bond Brush-dip Starter Kit è indicato per:  
a. Applicazioni ortodontiche  
b. Fissaggio diretto dei denti mobili  
c. Ponte diretto  
d. Riparazione di protesi fratturate

**Contraindicationi:**

Pazienti con storia di gravi reazioni allergiche a questo prodotto o ai monomeri metacilici e all'acetone.

**Effetti secondari:**

In rari casi i componenti di Super-Bond Brush-dip Starter Kit possono condurre alla sensibilizzazione. In tali casi Super-Bond Brush-dip Starter Kit non dovrebbe essere più usato.

## 2. Componenti

Super-Bond Brush-dip Starter Kit\* ..... Classe IIa

| Classe IIa                             | CE         | 0123 |
|--|------------|------|
| <b>Componenti</b>                      |            |      |
| <b>Quantitativo nel kit</b>            |            |      |
| ① Super-Bond Brush-dip Initiator       | 1 x 0,3 mL |      |
| ② Super-Bond Brush-dip Monomer         | 1 x 3,5 mL |      |
| ③ Super-Bond Polymer (Brush-dip Clear) | 1 x 1,5 g  |      |
| ④ Enamel Etchant Gel                   | 1 x 1 mL   |      |

| Classe I                    | CE | 1 |
|-----------------------------|----|---|
| <b>Accessori</b>            |    |   |
| <b>Quantitativo nel kit</b> |    |   |
| ⑤ Dispensing Stand          | 1  |   |
| ⑥ Dispensing Cups           | 20 |   |
| ⑦ Brush Handle (Bent)       | 1  |   |
| ⑧ Brush Tips (Brush-dip L)  | 20 |   |
| ⑨ 23G Needle Tip            | 5  |   |

■ Documenti allegati: Istruzioni, scheda di istruzioni illustrate, Precauzioni

\*I componenti del kit possono essere acquistati singolarmente.

■ Istruzioni di uso: Istruzioni, scheda di istruzioni illustrate, Precauzioni

\*I componenti del kit possono essere acquistati singolarmente.

■ Componenti: Istruzioni, scheda di istruzioni illustrate, Precauzioni

\*I componenti del kit possono essere acquistati singolarmente.

■ Composizioni:

① Super-Bond Brush-dip Initiator:

tri-n-butillorano parzialmente ossidato, Altro.

② Super-Bond Brush-dip Monomer:

Monomeri di metacrilato, Altro.

③ Super-Bond Polymer (Brush-dip Clear):

Poli metil metacrilato, Altro.

④ Enamel Etchant Gel:

Acido fosforico, Acqua, Addensante, Pigmento, Altro.

■ Componenti: Forma

① Liquido trasparente incolore

② Liquido trasparente giallo pallido incolore

③ Polvere bianca

④ Gel rosso

■ Precauzioni:

■ Avvertenze di sicurezza:

① Super-Bond Brush-dip Starter Kit ha come componenti sostanze come i monomeri metacilici che possono causare reazioni allergiche. Non vanno usate su di persone sensibili agli acrilati, metacrilati o sostanze simili. L'esposizione a reazioni allergiche può causare irritazione, dermatite o reazioni infiammatorie ai tessuti (pelle, mucosa, occhi, ecc.) degli individui sensibili. In tal caso interrompere l'uso, lavare la parte con abbondanti quantità d'acqua e consultare un medico, se necessario.

② Evitare che i componenti di Super-Bond Brush-dip Starter Kit entrino in contatto con tessuti molli, pelli od occhi. La parte contaminata deve essere pulita immediatamente con alcool e poi risciacquata accuratamente con abbondanti quantità d'acqua corrente. Se i componenti entrano negli occhi, risciacquare immediatamente con abbondanti quantità d'acqua corrente e far visitare il paziente da un oftalmologo.

③ Evitare l'ingestione di componenti di Super-Bond Brush-dip Starter Kit durante l'applicazione e il risciacquo. In caso di ingestione, consultare un medico se necessario.

④ Maneggiare i componenti di Super-Bond Brush-dip Starter Kit in un'area ben ventilata (ventilare l'area più volte in un'ora). In caso di inalazione del vapore, uscirà all'aperto.

⑤ Super-Bond Brush-dip Initiator e Super-Bond Brush-dip Monomer sono altamente volatili e infiammabili. Non conservarli dove possono essere esposti a fiamme libere.

■ Precauzioni comuni:

① Si deve pulire la pelle di una diga di gomma.

② I dentisti devono indossare guanti d'gomma.

③ Non maneggiare i componenti con quelli di altri materiali.

④ Utilizzare questo prodotto solo per le applicazioni consigliate in queste istruzioni.

■ Precauzioni mediche:

① Una piccola量の皮膚に付着した場合、酸素、水素やビリボンを吸収する力のため、皮膚は酸素を遮断するので死んでしまう。他の部位に付着した場合は、直ちに水で洗浄する。

② フluoroやオルボアッサンの力のため、皮膚が傷ついてしまう。

③ エレウゲノールはポリマーリゼーションを抑制する作用がある。

④ ポリエチレンオキシドは、酸素を遮断する作用がある。

⑤ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑥ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑦ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑧ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑨ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑩ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑪ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑫ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑬ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑭ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑮ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑯ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑰ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑱ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑲ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと火薬で燃えてしまう。

⑳ Super-Bond Brush-dip InitiatorとSuper-Bond Brush-dip Monomerは、アルコールと