

FUSION CRYSTA ORTHODONTIC ADHESIVE KIT
LIGHT CURE ORTHODONTIC KIT



Crysta Orthodontic Adhesive Kit is a light curing composite kit. It is used to Bond Metal & Ceramic brackets to tooth surface and for cementation of molar bands.
Ref. : 10024
Kit contents :
1 x 4g Syringe **Fusion Crysta Adhesive** (Ref : 10022), 1 x 5ml Bottle **Fusion Crysta Adhesive Primer**, (Ref : 10021), 1 x 5ml Syringe, **Actino Gel** + 10 Applicator Tips. (Ref : 10006), 1 x Instruction manual.

FUSION CRYSTA ADHESIVE
Light Cure Orthodontic Adhesive

Product Description : Fusion crysta adhesive bonds metal and ceramic brackets to tooth surfaces providing adequate working time for accurate brackets placement. Highly translucent adhesive designed to complement traditional and LED curing lights.
Composition : Bisphenol A Glycidyl Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Urethane Dimethacrylate, Silane treated Silica, Bisphenol A Bis(2-hydroxyethyl ether) Dimethacrylate, Photopolymerizing agents, 1,6- Hexanediol Dimethacrylate.
Indications For Use : This product is Indicated for metal and ceramic orthodontic brackets and bands to be bonded.
Instruction for use :
Tooth preparation : Rinse, isolate, and thoroughly air-dry (clean, oil-and-water-free compressed air) the surface area to be bonded.
Acid Etching : Etch enamel using 37% phosphoric acid (ACTINO GEL) etchant for 15 seconds. Rinse thoroughly. Remove excess water by blotting the surface with an absorbent pellet or high volume evacuation (HVE) for 1-2 seconds, leaving the preparation visibly moist.
Priming Teeth :
a. Dispense 1-2 drops of FUSION CRYSTA ADHESIVE PRIMER into a clean well. Replace the cap onto the bottle promptly to avoid evaporation of solvent.
b. Apply two separate coats of FUSION CRYSTAADHESIVE PRIMER, scrubbing the preparation with a microbrush for 10-15 seconds per coat.
c. Air-drying using an air syringe for at least 10 seconds till there should be no visible movement of the adhesive. The surface should have a uniform glossy appearance ; otherwise, apply an additional coat of FUSION CRYSTAADHESIVE PRIMER.
d. Light cure for 20 seconds.
Adhesive Application From Syringe and Light Curing : With the syringe apply a small amount of Adhesive paste onto bracket base. Immediately after applying adhesive, lightly place bracket onto the tooth surface. Adjust bracket to final position, press firmly to seat bracket. A small amount of Excess adhesive around appliance base should exude without disturbing the bracket. Final adjustment must be made before the adhesive begins to cure. Using a conventional halogen curing light or a LED light, polymerize entire bonded surface for 20 seconds from the facial, mesial, and distal directions.
Warning : Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take internally. Contact with the skin may cause irritation and hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician.
Contraindications : It is contraindicated for use with patients who have a history of severe allergic reaction to methacrylate resins.
Precautions : Eugenol containing materials should not be used with this product because they may effect polymerization and interfere with the hardening process. Being sensitive to heat and light, the syringes should be kept away from direct sun light.
Storage Conditions : Store at temperature between 10°C to 24°C. 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 : 2 years from the date of manufacturing.

FUSION CRYSTA ADHESIVE PRIMER
Light Cure Self Etch Orthodontic Primer

Product Description : Fusion crysta adhesive primer is a light-cured single-component ORTHODONTIC PRIMER that combines etching, priming and bonding in one bottle. It is an ethanol-water based dental adhesive containing 10- Methacryloyloxydecyl Dihydrogen Phosphate (10-MDP) a functional monomer which helps in bonding to dentin and enamel.
Composition : BisGMA, Triethylene Glycol Dimethacrylate, Camphorquinone, Dimethyl Amino Ethyl Methacrylate, Ethyl 4-dimethyl Amino Benzoate, 10-Methacryloyloxydecyl Dihydrogen Phosphate, Butylated Hydroxytoluene.
Indications for use : FUSION CRYSTAADHESIVE PRIMER is indicated for use as a combined etchant and primer in orthodontic treatment and is used only with light curing direct bonding orthodontic ADHESIVE (FUSION CRYSTAADHESIVE).
Contraindications : Patients with a history of hypersensitivity to methacrylate monomers.
Precautions :
1. Safety Precautions : The material contains certain methacrylates and other ingredients which may cause irritation or sensitivity in some individuals. If contact occurs with skin, immediately wash with soap and water. Improper use may result in allergic reaction or skin and tissue irritation. If this occurs, discontinue use of this product. Protective gloves and eye wear should be worn while handling this product. If contact occurs with eye. Flush immediately with large volumes of water and seek medical attention immediately. Do not expose materials to elevated temperatures or intense light.

2. Material Precautions : FUSION CRYSTAADHESIVE PRIMER is a light-curable material. Use it Immediately once it is dispensed in the mixing well. Prolonged exposure to air and light may lead to solvent evaporation and thickening of the adhesive.
Instructions for use :
Self-Etching Technique :
a. Wash thoroughly with water spray. Use an absorbent pellet or high volume evacuation (HVE) for 1-2 seconds, to remove excess water (do not dessicate). Dispense 1-2 drops of FUSION CRYSTA ADHESIVE PRIMER into a clean well. Replace the cap onto the bottle promptly to avoid evaporation of solvent.
b. Apply two separate coats of FUSION CRYSTAADHESIVE PRIMER, scrubbing the preparation with a microbrush for 10-15 seconds per coat.
c. Air-drying using an air syringe for at least 10 seconds till there should be no visible movement of the adhesive. The surface should have a uniform glossy appearance; otherwise, apply an additional coat of FUSION CRYSTAADHESIVE PRIMER and repeat Step 2 and 3.
d. Light cure for 20 seconds.
e. Continue with placement of the orthodontic adhesive (FUSION CRYSTAADHESIVE) restorative material according to the manufacturer's instructions.
Selective-Etching Technique : Wash thoroughly with water spray. Etch enamel using 37% phosphoric acid (ACTINO GEL) etchant for 15 seconds. Rinse thoroughly. Remove excess water by blotting the surface with an absorbent pellet or high volume evacuation (HVE) for 1-2 seconds, leaving the preparation visibly moist.
a. Dispense 1-2 drops of FUSION CRYSTAADHESIVE PRIMER into a clean well. Replace the cap onto the bottle promptly to avoid evaporation of solvent.
b. Apply two separate coats of FUSION CRYSTAADHESIVE PRIMER, scrubbing the preparation with a microbrush for 10-15 seconds per coat.
c. Air-drying with an air syringe for at least 10 seconds till there should be no visible movement of the adhesive. The surface should have a uniform glossy appearance; otherwise, apply an additional coat of FUSION CRYSTAADHESIVE PRIMER and repeat Step 2 and 3.
d. Light cure for 20 seconds.
e. Continue with placement of the orthodontic adhesive (FUSION CRYSTAADHESIVE) restorative material according to the manufacturer's instructions.
Storage conditions : Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stores in a cool dry place.
Shelf Life : 2-years from the date of manufacturing.

ACTINO GEL
Dental Etching Gel

Product Description : Actino is a blue tinted viscous gel of 37% Phosphoric acid for etching tooth enamel and dentin conditioning or composite surfaces prior to the bonding of any composites, sealants or bonding adhesives.
Composition : Phosphoric Acid, Methylene Blue Indicator, Glycerine, Ethanol, Purified Water and Amorphous Silica.
Indications : Used for conditioning both dental enamel and dentine surfaces prior to the placement of an adhesive restoration.
Instructions for Use : Clean the area to be etched, rinse and dry thoroughly. Place the tip against the surface to be etched and slowly dispense the gel on the surface to lay a fine line or paint a thin layer to the areas to be etched. Allow the gel to stay for 10- 15 seconds and rinse thoroughly with water spray. Dry etched tooth surface with clean, dry air.
Precautions : The product contains phosphoric acid. It can burn and cause irritation to the tissues and therefore confine the use to areas to be etched. Fix the applicator tip to the syringe and check the flow of gel before applying on the etching surface. Avoid contact with eyes and prolonged contact with skin.
Warning : Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take internally Contact with the skin may cause irritation and hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.
Storage Conditions : Store at temperature between 10°C to 24°C. 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 : 2 years from the date of manufacturing.
Disposal conditions : To be disposed off based on the prevailing rules of the country in which it is used.

Prevest DenPro Limited
Unit II, EPIP, Bari Brahmna,
Jammu-181133, India.
www.prestivedenpro.com
Customer Care No. : 1800-180-7172
Email : customercare@prevestdenpro.com
Made In India

Obelis s.a
Boulevard General Wainin 53
1030 Brussels, Belgium
Tel : +32 2 732 96 54 Fax : +32 2 732 9 65 61
E-mail : mail@obelis.net

CE
0123

Revision : 03
Date : 24-07-2020

LOT Symbol for "BATCH CODE" USE BY Symbol for "USE BY" NON STERILE Symbol for "NON STERILE" KEEP DRY Symbol for "KEEP DRY"
CAUTION Symbol for "CAUTION" CONSULT INSTRUCTION FOR USE Symbol for "CONSULT INSTRUCTION FOR USE" REF Symbol for "CATALOGUE NUMBER"
EUROPEAN COMMUNITY AUTHORIZED REPRESENTATIVE Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"
KEEP OUT OF THE REACH OF CHILDREN Symbol for "KEEP OUT OF THE REACH OF CHILDREN" MANUFACTURER NAME & ADDRESS Symbol for "MANUFACTURER NAME & ADDRESS"
TEMPERATURE LIMITATION Symbol for "TEMPERATURE LIMITATION" KEEP AWAY FROM SUNLIGHT Symbol for "KEEP AWAY FROM SUNLIGHT"

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.