

MAGMA NT

NANO CERAMIC
UNIVERSAL RESTORATIVE

PREVESTDenPro®
THE FUTURE OF DENTISTRY

Product Description : Magma NT is a visible light cured, radiopaque highly filled composite restorative material for anterior and posterior restorations of all teeth.

Composition :

Bisphenol A Glycidyl Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Triethylene Glycol Dimethacrylate, Urethane Dimethacrylate, Radiopacifiers, Fillers, Photoinitiators and Pigments.

Intended Purpose / Intended Use : It is used as permanent filling material for anterior and posterior teeth.

Indications for Use : Magma NT Nano Ceramic Universal Restorative is indicated for direct filling of class I, II, III, IV and V Cavities in anterior and posterior teeth. Preventive resin restoration and repair of composite / ceramic veneers.

Instructions for Use : Clean the tooth to be treated and adjacent teeth with a brush and prophylaxis. Select the shade using VITA Shade Guide. Prepare the cavity using conservative cavity technique. No residual amalgam or other base material should be left in the cavity. Cover the area close to the pulp with hard setting CAL-LC Light Cure Calcium Hydroxide paste. Apply Fusion Bond 7 dentine bonding agent with a disposable brush to the entire cavity. Ensure thorough wetting of the entire cavity. Allow 20 sec air drying and re apply another coat of dentine bonding agent. Remove excess solvent by gently drying with dry air for at least 5sec to ensure uniform glossy surface. Cure adhesive for 20-30 sec using standard curing light. Remove Magma NT syringe cap and dispense material onto a mixing pad. Place the material into the cavity using a clean unbranded instrument (teflon coated). After dispensing, screw plunger should be rotated anti clock wise by half to full turn to release residual pressure inside the syringe. Contour the material in the cavity. Light cure for 40 sec using standard curing light. When necessary build in increments of 2mm maximum using a layering technique. Shape and polish with Platina Hi Gloss using standard technique and at last stage apply Nano Coat. The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

Warnings: 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, burns of 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.

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.

Contraindications : Do not use in patients, if allergic to methacrylate resins.

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.

Presentation :

Ref: 20002-1

Intro Kit: 4 x 4g Syringe Magma NT (Ref. Number 20001), 1 x 5ml Fusion Bond 7 (Ref. Number 10001), 1 x 5ml Fusion Nano Coat (Ref. Number 20013), 20 x Micro Brushes, 1 x shade card.

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

FUSION BOND 7

Light Curing Self Etching One Component Bonding Adhesive

Product Description : Fusion Bond 7 / Fusion Self Etch Bond 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 / Fusion Self Etch Bond adhesive can be used for the bonding of both direct and indirect restorations.

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

Intended Purpose / Intended Use : It is intended to etch, prime and bond for direct and indirect restorations.

Indications for Use:

Direct Applications :

1. Light-cured and self-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 (always light-cure an incremental build-up of core material).

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.

Instruction for Use : Bonding Composites/Compomers to Dentin/Enamel Veneers, crowns, bridges, inlays, onlays and metal-based restorations (used in conjunction with a luting cement)

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 / Fusion Self Etch Bond adhesive.

2. Shake well before use. **Note :** Upon first use, Shake Fusion Bond 7 adhesive bottle vigorously for 20-30 seconds.

3. Dispense 2-3 drops of Fusion Bond 7 / Fusion Self Etch Bond adhesive into a clean well. Replace cap immediately after dispensing.

4. Using the disposable applicator brush, apply a generous amount of adhesive to the enamel/dentin surface. Scrub the surface with a brushing motion for 20 seconds.enamel/dentin surface. Scrub the surface with a brushing motion for 20 seconds.

5. Apply a second application of Fusion Bond 7 / Fusion Self Etch Bond 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. The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

Instructions for bonding Indirect Restorations :

1. Clean the preparation. Wash thoroughly with water spray and air dry (Do not desiccate).

2. Shake well before use. **Note :** Upon first use, Shake Fusion Bond 7 adhesive bottle vigorously for 20-30 seconds.

3. Bottle Delivery : Dispense 2-3 drops of Fusion Bond 7 / Fusion Self Etch Bond adhesive into a clean well. Replace cap immediately after dispensing.

4. Using the disposable applicator brush, apply a generous amount of 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 / Fusion Self Etch Bond 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. Light cure for 20–30 seconds.

Warnings : Fusion Bond 7 / Fusion Self Etch Bond adhesive is an irritant. Contact with the skin, mucous membranes or eyes should be avoided. If 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. Always use in a well ventilated place.
2. If contact with eyes, rinse immediately with water and seek medical attention.
3. Avoid ingestion or inhalation of the material.
4. Personal protective equipment (PPE) such as gloves, face masks and safety eyewear should always be worn.

Contraindications :

1. Do not use Fusion Bond 7 / Fusion Self Etch Bond 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. Fusion Bond 7 / Fusion Self Etch Bond adhesive must not be used in conjunction with purely self curing composite materials. Dual-curing materials must be light activated.

3. Do not use Fusion Bond 7 / Fusion Self Etch Bond 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.

Disposal conditions :

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

FUSION NANO COAT Light Cured Protective Varnish

Product Description : Fusion Nano Coat Light Cured Protective Varnish is a protective coating for glass ionomer, composite and temporary restorations. The Liquid glaze ensures improved aesthetics and increased strength, toughness and protection. It is designed for optimum wetting, strong adhesion, enhanced wear resistance and extra protection for margins. It provides a final lamination that aesthetically enhances all restorations with excellent color stability and is the quickest way to finish all restorations.

Composition :

Bisphenol A Glycidyl Methacrylate, Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Primers, Curing agents and Stabilizer.

Intended Purpose / Intended Use : For providing a protective coat to dental restorations and inhibits moisture contamination.

Indications for Use:

1. To seal and protect the surface of glass ionomer, direct/indirect composite and provisional restorations.

2. To seal and protect the adhesive interface between restorations and tooth surface. Glass Ionomer restorations One quick application of Protective Varnish reinforces and strengthens glass ionomer restorations. A fine coating of Protective Varnish allows the complete maturation of the glass ionomer reaction and with delayed saliva exposure creates the strongest possible glass ionomer restorations. Infiltration of Protective Varnish provides internal protection against cracks and voids to enable increased fracture toughness. On top of this, Protective Varnish leaves an excellent smooth surface and un-matched exterior gloss. Composite restorations One quick application of Protective Varnish immediately transforms a newly contoured composite into a high gloss finished restoration. The tough self adhesive coating improves composite wear resistance and polish retention. Further more, as Protective Varnish bonds to composites/restorations as well as surroundings tooth surfaces, it will provide additional protection to composite-tooth margins. Temporary crowns the quickest way to finish bis-acryl composite or acrylic temporary crowns is to simply apply Protective Varnish and light cure. Protective Varnish provides an excellent glass finish that is both smooth and stain resistant. Existing restorations Protective Varnish adheres to existing

restorations and can be used as a simple, easy to apply maintenance coating for demanding situations where extra wear resistance, acid resistance or polish maintenance is required. Protective Varnish can be used to re-surface existing restorations that require servicing, e.g., following re-contouring to remove marginal discoloration around old composite restorations.

Instructions for use :

a. Preparation : Preparation of newly places restorations

1) Finish the restoration with a superfine diamond bur. Alternatively, polish the surface according to the

manufacturer's instructions.

2) Spray preparation dust away with water. Dry by gently blowing with oil free air. **Note :** Surfaces to following re-contouring to remove marginal discoloration around old composite restorations.

Instructions for use :

a. Preparation : Preparation of newly places restorations

1) Finish the restoration with a superfine diamond bur. Alternatively, polish the surface according to the manufacturer's instructions.

2) Spray preparation dust away with water. Dry by gently blowing with oil free air. **Note :** Surfaces to be coated should appear dry.

Preparation of existing restorations :

1) Roughen the surfaces to be coated with a superfine diamond bur.

2) Spray preparation dust away with water. Dry by gently blowing with oil free air.

Note : Surfaces to be coated should appear dry.

Preparation of marginal area :

a. Non cut enamel should be treated with a 37% phosphoric acid according to the manufacturer's instructions. Rinse and dry with oil free air. **Notes :** Surfaces to be coated should appear dry.

b. Dispensing : Dispense a few drops into a disposable dispensing dish. Replace bottle cap immediately after use.

c. Applications : IMMEDIATELY apply (when 1 minute after dispensing) to the surfaces to be coated using micro applicator. **DO NOT AIR BLOW.** **Note :** If the coated surface be contaminated with water, blood or saliva prior to light curing, wash and dry the surface and repeat the coating procedure.

d. Light curing :

1. IMMEDIATELY light cure all coated surfaces with a visible light curing unit for 20-40 sec (>500mW/cm2).

Note :

1) Place light source as close as possible to the coated surface.

2) If surface is tacky or yellowish, repeat light curing.

3) Use a protective light shield or similar protective eye wear during light curing.

4) The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

Warnings :

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, burns of 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.

Precautions :

1. Do not use on patients with known allergies to this material and for methacrylate monomer.

2. Use in well ventilated area to avoid inhalation of MMA. If inhalation cause nausea or illness, take rest and keep warm in fresh air.

3. Exercise extra caution to avoid inhalation & ingestion of the material.

4. Use saliva ejector during procedure to eliminate water or saliva.

5. Do not use this product for any purposes other than specifically outlined in the indications for use.

Contraindications : Do not use in patients if allergic to any of its components.

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 date of manufacturing.

Disposal conditions :

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

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CE
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UDI Symbol for "UNIQUE DEVICE IDENTIFIER"
LOT Symbol for "BATCH CODE" **USE BY DATE** Symbol for "USE-BY DATE" **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 REPRESENTATIVE Symbol for "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION"
KEEP OUT OF THE REACH OF CHILDREN Symbol for "KEEP OUT OF THE REACH OF CHILDREN" **MANUFACTURER** Symbol for "DO NOT USE IF PACKAGE IS DAMAGED"
TEMPERATURE LIMIT Symbol for "TEMPERATURE LIMIT" **KEEP AWAY FROM SUNLIGHT** Symbol for "KEEP AWAY FROM SUNLIGHT" **CORROSIVE** Symbol for "CORROSIVE"
FLAMMABLE Symbol for "FLAMMABLE" **HARMFUL IRRITANT** Symbol for "HARMFUL IRRITANT" **MEDICAL DEVICE** Symbol for "MEDICAL DEVICE"

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.