MAGMA NT

PREVEST DenPro®
THE FUTURE OF DENTISTRY

NANO CERAMIC UNIVERSAL RESTORATIVE

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, 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 :

1. **Prophy paste:** Clean the tooth to be treated and adjacent teeth with a brush and prophy paste.
2. **Shade selection:** Select the shade using VITA classical shade guide or custom shade guide.
3. **Restoration depth:** The amount of colour restorative material exhibits is affected by its thickness. Shade matched should be taken from the portion of the VITA classical shade guide or custom shade guide quite most similar to the thickness of the restoration.
4. **Isolation:** For complete procedure a rubber dam shall be used to avoid saliva contamination.
5. **DIRECT RESTORATIONS:**

a. Cavity preparation: Prepare the cavity using conservative cavity technique. No residual amalgam or other base materials should be left in the cavity. Cover the area close to the pulp with hard setting (Cal-LC / Apacal ART / Fusion I Seal) light cure base, liner materials.

b. Adhesive system : Directly apply Fusion Bond 7 with a disposable brush to the entire cavity (Note : no need to apply dental etchant, as it is 7th generation self etch bonding agent, instead can perform selective enamel etching technique, only if necessary). 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 and dry air for at least 5 sec to ensure uniform glossy surface. Cure adhesive for 20-30 sec using standard curing light.

c. Dispensing the composite: Remove syringe cap and dispense material into clean light protected wells. Place the material into the cavity using a clean un-abraded instrument (Teflon coated). After dispensing, screw plunger should be rotated anti clockwise by half to full turn to release pressure inside the syringe. Contour the material in the cavity. Light cure for 40 sec using standard curing light.

Note: Build in increments of 2mm maximum using an oblique layering technique and perform finishing and polishing using standard technique.

d. Polishing: Apply composite polishing paste (Platina Hi Gloss) over the composite surface immediately after curing and use finishing diamonds, flexible discs or composite polishing cups to polish the surface.

e. Surface Coating: Apply thin layer of Fusion Nanocoat using a micro applicator brush and immediately light cure all coated surfaces with a visible light curing unit for 20-40 sec.

6. INDIRECT RESTORATIONS :

a. Repair of Composites and Ceramic Veneers: It is accomplished by using the similar steps as mentioned above. In order to prepared the existing surface, round or smooth any sharp corners or irregular edges, then apply dentine binding agents and add composite. The dispensed material shall not be placed back in the container and the does once applied or used shall not be reused.

Product	Light Intensity (mW/cm^2)	Curing Time (Sec)	Wavelength For Curing (nm)	Depth of Cure (mm)	Filler Particle Size (μ)	Filler loading (% wt)
Magma NT	≤600 750 1200	40 20 10	400-450	2.59 mm (opaque)/ 2.89mm (non-opaque)	2	79

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 the 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. Use to Eugenol containing materials should be avoided with this product because they may effect polymerization and interfere with the hardening process. 2. Being sensitive to ambient light, the dental chair light should be turned of while curing and the syringes should be kept away from direct sunlight. 3. The syringe should be properly closed when not in use. 4. To prevent premature setting of the material it is advised to used light protected wells. 5. Dental orange filter should be used for in conjunction with dental curing light for extra vision protection. 6. Dental loupe light filters to be used with loupe lights to prevents premature curing.

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

Master Kit : 7 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), 1 x 2g Syringe Fusion Flo (A2) (Ref. Number 20008-1), 1 x 4g Syringe Platina Hi-Gloss (Ref. Number 50001), 20 x Micro Brushes, 10 x Applicator tips, shade card.

Shades: A1,A2,A3,A3.5,A4,B1,B2,B3,C1,C2,C3,D1,D2,D3, Incisal/Opaque, OA1,OA2,OA3, Extra Bleach, Bleach, Gingival G1,G2,G3,G4

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 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. 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. 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.

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 Stabilizers.

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 composite 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.r. Dry by gently blowing with oil free air. **Note :** Surfaces to be coated should appear dry.

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 :

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 the 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. The dispensed material shall not be placed back in the container and the dose once applied or 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 the 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. The products should not come into contact with lacerated oral tissue or mucosa.
2. Do not mix with other products.

Contraindications : Do not apply in cases of known allergies to any of its ingredients.

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.

FUSION FLO

Light Cured Nano Hybrid Flowable Composite

Product Description : Fusion Flo is an excellent flowable composite that delivers high strength & wear resistance. It is characterized by optimum surface affinity, penetrates into most difficult area. It combines esthetics as well as flow on demand handling for use.

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 intended to be used as a permanent filling material for anterior & posterior teeth.

Indications for Use : Fusion Flo is indicated for direct filling of class V (Cervical Caries), root erosions, wedge shaped defects. Fillings of anterior teeth (Class III & IV).Small fillings in posterior teeth. Repair of composite and ceramic veneers, Block out of undercuts. Adhesive cementing of composite and ceramic restorations.

Instructions for Use : Apply the material with applicator tip directly in the cavity and pre contour with a suitable instrument. The layer should not be thicker than 2mm. Light cure for 40 sec using standard curing light. The dispensed material shall not be placed back in the container and the dose once applied or 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 the use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician.

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 apply in cases of known allergies to any of its ingredients.

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.

The composite material is available in variety of tooth colored shades and is advised to use the VITA Classical shade guide for selection of appropriate shade.

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

PLATINA HI-GLOSS

COMPOSITE POLISHING PASTE

Product Description : Platina Hi-Gloss Composite Polishing Paste is water-soluble, aluminum oxide paste designed for final polishing of anterior and posterior composite restorations and veneers. Platina Hi-Gloss improves the smoothness of the finished surface of microfilm composites to a final, high luster surface, or pre-polishes by smoothing finished surfaces of hybrid and micro-hybrid composites to low luster. For hybrid and micro-hybrid composites, following with Platina Hi-Gloss Polishing Paste results in a final, high luster polished surface.

Composition : Glycerin, Abrasives, Polyethylene Glycol, Fillers and Flavouring Agents.

Intended Purpose / Intended Use : It is intended to be used as polishing paste.

Indications for Use : Final polishing of direct or indirect anterior and posterior composite restorations/veneers.

Instructions for Use :

1. Place composite restoration as per standard techniques. Complete gross reduction of excess and general outline form of the restoration using carbide finishing burs or diamond finishing instruments. Additional finishing and polishing is obtained by use of Enhance Discs, Cups or points. Alternatively, other standard aluminum oxide disc series may be used (see complete directions of finishing instruments). Prior to proceeding to polishing with Platina Hi-Gloss Composite Polishing Pastes, the restoration should be finished to a final contour. Surface should be smooth and defect free.
2. Attach a enhance Foam Polishing Cup to the provided mandrel by inserting the bayonet end of the mandrel into the opening on the narrow end of the cup. Rotating the mandrel ¼ turn makes insertion easier. Make sure the mandrel inserts fully into the cup. Insert the mandrel into a conventional speed contra-angled hand piece.
3. Dispense a portion of Platina Hi-Gloss Polishing Paste onto a clean paper pad or dappen dish. Recap syringe promptly.
4. Apply a small amount of Platina Hi-Gloss Polishing Paste to the surface of the enhance Cup. Without running the hand piece apply material to the surface to be polished. Running slowly at first, using overlapping, continuous circular motions, work the surface of the restoration, dry initially, up to moderate speed and pressure, use flat end and corner edge of cup.
5. To increase surface luster, add water in small amounts (i.e drop wise) to dilute the paste using a light circular buffing action. Repeat as needed to produce a smooth surface.
6. Rinse Platina Hi-Gloss from the tooth surface and enhance Cup. This is the final step for microfilled composites. Continue with the next step for hybrid and micro-hybrid composite materials.
7. Dispense and apply Platina Hi-Gloss Extra Fine Paste to the Enhance Cup as described in steps 3 and 4 and polish the surfaces dry at first, then adding increasing amounts of water for 15-30 seconds at higher speed, with a lighter buffing pressure for final luster. The Enhance Cup should be discarded after use.
8. Clean excess material from oral surfaces with air/water spray and/ or instruct patient to rinse and expectorate. The dispensed material shall not be placed back in the container and the dose once applied or 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 the 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. To avoid paste drying out, tightly close the syringe cap immediately after use.
2. It is recommended that both patients & operator protect their eyes from debris.

Contraindications : Do not use in patients with known allergies to any of the ingredients.

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.

Prevest DenPro Limited
Unit II, Export Promotion Industrial Park (EPIP), Bari Brahmana, Jammu-181133, India. www.prevestdenpro.com
Customer Care No. : + 91 8899074151
Email : customercare@prevestdenpro.com
Made in India

EC REP
Obelis s.a
Boulevard General Wahis 53
1030 Brussels, Belgium
Tel: +(32) 2 732 59 54, Fax. +(32) 2 732 60 03
E-mail : mail@obelis.net

CE 0123

Issue/Revision :	01/01
Date :	23-07-2025

UDI Symbol for "UNIQUE DEVICE IDENTIFIER"
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 "KEEP OUT OF THE REACH OF CHILDREN" Symbol for "MANUFACTURER" Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"
Symbol for "TEMPERATURE LIMIT" Symbol for "KEEP AWAY FROM SUNLIGHT" Symbol for "FLAMMABLE"
Symbol for "HARMFUL IRRITANT" Symbol for "CORROSIVE" MD 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, complaint and reporting of unexpected events contact customer care.