FUSION NANO COAT

LIGHT CURED PROTECTIVE VARNISH

PREVESTDenPro®
THE FUTURE OF DENTISTRY

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. Fusion Nanocoat provides an excellent glass finish that is both smooth and stain resistant. 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. It 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 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 bottle cap immediately after use.

c. Applications : IMMEDIATELY apply Fusion Nanocoat (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 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. 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

Presentation :

Ref : 20013

1 x 5ml Plastic Bottle

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

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CE 0123

Revision :	07
Date :	10-02-2024

UDI Symbol for "UNIQUE DEVICE IDENTIFIER"

Symbol for "FLAMMABLE" MD Symbol for "MEDICAL DEVICE"

LOT Symbol for "BATCH CODE" Symbol for "USE-BY DATE" NON STERILE 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 "DO NOT USE IF PACKAGE IS DAMAGE" Symbol for "KEEP OUT OF THE REACH OF CHILDREN" Symbol for "MANUFACTURER "

Symbol for "TEMPERATURE LIMIT" Symbol for "KEEP AWAY FROM SUNLIGHT" Symbol for "HARMFUL IRRITANT"

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.