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Light Cured Restorative Nanohybrid Composite

DSI UniLite Nano



INSTRUCTIONS FOR USE

PURPOSE

DSI UniLite Nano is a visible light cured, radiopaque highly filled fine composite restorative material for anterior and posterior restorations of all teeth.

COMPOSITION

Bisphenol A Glycidyl Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica.

INDICATIONS

DSI UniLite Nano composite 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.

DIRECTION FOR USE

Preparation:

- Isolate with rubber dam or other suitable method.
- Pumice tooth as needed or use a **DSI Prophy paste**.
- Prepare the restorative site.
- Place strip(s) and wedge(s) where appropriate.

In Class II Preparations, place a 0.5-1mm enamel bevel along the cavosurface margins of the facial and lingual vertical walls of the preparation to improve enamel adhesion.

Applying Bonding Agent: Please refer to the instructions of the specific bonding agent you are using. We recommend **DSI S7 Bond**.

Remove syringe cap and dispense material onto a mixing pad. Place the material into the cavity using a suitable placement instrument. 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.

For lighter shades: A1, A2, B1, B2, C1, D1, Bleach – place and cure in incremental layers from 0.5mm up to 3mm.

For darker shades: A3, A3.5, B3, C2, D2, D3 and Opaque – place and cure in incremental layers from 0.5mm up to 2mm.

Pat and condense each layer with a smooth instrument using light pressure. For standard curing lights, cure each layer for 20 sec. Cure final restoration an additional 40 sec per surface.

Remove isolating strip, matrix band or crown form and check the restoration.

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, 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.

TRIMMING, FINISHING, & POLISHING

- Gross contouring may be accomplished using high speed diamond and 12 or 16 fluted carbide burs.
- Finer contouring/surface finishing may be accomplished with coarse polishing disks and rubber points/cups and finishing strips to create a smoother surface. To achieve a final polish, use the polishing disks, starting with the coarse grits and moving down to the super fine grit.

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

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.

PACKAGING

1x4g Syringe.

Shades: A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, D1, D2, D3, Opaque, Bleach, Gingival G1, G2.

SYMBOLS



Consult instructions for use



Manufacturer



Caution, consult accompanying documents



Catalogue number



Temperature limit



Batch code



Keep away from sunlight



Use by



Keep dry



Date of Manufacture

Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of the material.

The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer falls on the user.