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Universal Liquid Hybrid Restorative

DSI UniLite Flow



INSTRUCTIONS FOR USE

PURPOSE:

UniLite Flow is a light-cured, nano-hybrid filled, radiopaque, highly polishable, low viscosity dental filling material according to EN ISO 4049. **UniLite Flow** can be used for Class I, II, III, IV, and V restorations – see full list of indications below:

INDICATIONS:

- Anterior restorations (Class III and IV).
- Deep Class V restorations (cervical caries, root erosion, wedge-shaped defects).
- Restorations in the posterior region (base/liner) (Class I and II).
- Veneering of discolored teeth.
- Sealing fissures and hypersensitive areas.
- Repair of composite and ceramic veneers.
- Orthodontic splinting.

FEATURES:

UniLite Flow high-strength flowable composite whose physical properties are close to the non-flowable composite materials which allows a durable and safe use in all direct restorations (Classes I-V). **Advanced nano-filler technology** results in exceptional physical properties.

High level of radiopacity combined with an optimal viscosity allows for ease of use and smooth placement.

UniLite Flow cures with a LED and Halogen light at wavelength range of 400-500 nm.

Shade matching has been optimized to the Vita® System:

- A1, A2, A3, A3.5, B1, B2, C2, Opaque, Semi-transparent (Incisal edge).

DIRECTION FOR USE:

Preparation:

Do not use with eugenol dental materials!

The standard preparation of surface or cavity according to generally accepted methods need to be made prior use. Includes acid etching, rinsing, drying, enamel bonding with a light-cured adhesive (**DSI S7**) recommended. Refinement of the cavo-surface margin (beveling) is recommended.

Placement:

Dispense **UniLite Flow** directly into preparation site/tooth surface from the syringe tip using slow, steady pressure. Avoid lifting the tip while dispensing to minimize air entrapment. Any visible air bubbles should be pierced with a clean, sharp explorer prior to curing.

Material may be placed and light cured in increments up to 2 mm in deeper preparations it is recommended to place material in 2 mm increments, thoroughly light curing each increment. Each layer is cured for at least 20 sec.

*Though an advanced performance curing units have been shown to cure 2 mm increments of most shades of **UniLite Flow** in 10 seconds, for darker shades additional curing cycle is advised.*

Finish and polishing:

Begin finishing immediately after curing. Due to the stackable nature of **UniLite Flow**, precise placement is possible, and should be observed, minimizing the need for gross finishing.

If necessary, gross excess may be removed with **DSI Finishing Burs** or other carbide finishing instruments. To achieve a very high luster, it is necessary to complete the polishing. **DSI Diamond Composite Polishing Pastes** are recommended. See manufacturer's complete directions for use.

GENERAL PRECAUTIONS:

Process a syringe and a dosing nozzle before use with ethyl hydroxide solution.

The re-use of a syringe needle is forbidden!

Use of protective cover is recommended to protect from exposure of splatter of body fluids or contaminated hands.

PACKAGING:

| | |
|---------------------------|-------|
| 2 g Paste in bulk syringe | 2 pcs |
| Curved dosage needle tips | 5 pcs |

STORAGE:

Use syringe cover or clean & disinfect syringes between patients.

Store in a dry place (humidity < 50%) at the room temperature (+5 °C...+25 °C).

Avoid contact with moisture and direct sunlight! Return to box after use.

Do not store in the fridge or freezer.

Keep out of reach of children.



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.