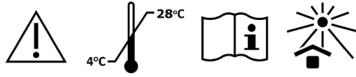


# dline Light Curing Nano Hybrid Composite

Light curing nano hybrid composite for direct restorations of class I, II, III, IV and V cavities; indirect restorations such as inlays, onlays, and laminate veneers; extended fissure sealing on molars and premolars; cores



## PACKAGING

<b>REF 10010</b>	4g syringe dentin shade A1
<b>REF 10020</b>	4g syringe dentin shade A2
<b>REF 10030</b>	4g syringe dentin shade A3
<b>REF 10035</b>	4g syringe dentin shade A3.5
<b>REF 10120</b>	4g syringe dentin shade B2
<b>REF 10220</b>	4g syringe dentin shade C2
<b>REF 10420</b>	4g syringe dentin shade OA2
<b>REF 10430</b>	4g syringe dentin shade OA3
<b>REF 10500</b>	4g syringe enamel shade Universal EU
<b>REF 10600</b>	4x4g syringes, 5ml dline Light Curing Adhesive, 4.3g dline Phosphoric Acid Etching Gel, accessories
<b>REF 10601</b>	8x4g syringes, 5ml dline Light Curing Adhesive, 4.3g dline Phosphoric Acid Etching Gel, accessories
<b>REF 10630</b>	4x4g syringes, 5ml dline Light Curing Self Etching Universal Adhesive, 4.3g dline Phosphoric Acid Etching Gel, accessories
<b>REF 10631</b>	8x4g syringes, 5ml dline Light Curing Self Etching Universal Adhesive, 4.3g dline Phosphoric Acid Etching Gel, accessories

\* Registered trademark of the Vita Zahnfabrik H.Rauter GmbH & Co. KG, Bad Sackingen, Germany.

Made in EU for Dline OU  
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## INSTRUCTION FOR USE

EN

### DESCRIPTION

dline Light Curing Nano Hybrid Composite is a light curing, radiopaque nano hybrid composite in Vita\* shades based on UDMA, EOBPADMA, bis-GMA, TEGDMA resins and Silica-Barium glass filler with as follows average particle size distribution: main glass cluster size 1.5-5µm, nano glass cluster size 180nm. The inorganic filler loading is about 77% by weight. dline Light Curing Nano Hybrid Composite is a high aesthetic material with excellent polishability and colour stability.

### INSTRUCTION FOR USE

**NOTE!** Do not use if primary package is broken. It is recommended to use cofferdam during application of the product.

#### PREPARATION:

- Cleaning with oil-free prophylaxis paste, such as dline Prophy Paste is recommended.
- Use the minimally invasive technique for preparation of the cavity. All enamel margins in the anterior region must be bevelled. Do not bevel the margins in the posterior region and avoid slice preparations. Rinse with water and dry with air.
- For deep cavities use calcium hydroxide liner or glass ionomer base cement, such as dline Glass Ionomer Base Lining Cement.
- When filling cavities with approximal sections place a transparent matrix and fix it in place.
- Apply layer of etch, such as dline Phosphoric Acid Etching Gel on all surface to be etched. Leave etch in place for 15 seconds (dentine), 30 seconds (enamel). Rinse with water and dry with air. Avoid over drying dentin. After drying, the surface appears chalky and must not be contaminated prior to applying the adhesive. If the surface becomes contaminated with saliva, rinse and dry again and re-etch if necessary.
- Apply a thin layer of light curing adhesive, such as dline Light Curing Adhesive immediately onto etched surface and follow instruction for use for adhesive.

#### APPLICATION:

- The working area must be kept dry.
- Apply the layer of composite with suitable instrument into cavity. Do not apply layers more than 2mm deep.
- Due to the effect of the oxygen in the air, a thin smear layer of unpolymerized material remains on the surface of each layer. This bonds the layers chemically and must not be touched or contaminated with moisture.
- Light curing for 20 seconds per layer and finish restoration. Use any polymerization lamp in full mode (not ramp or pulse mode). Finish restoration.

#### NOTE!

- After the desired amount of material extruded, screw syringe plunger anticlockwise by a half to full turn to release residual pressure inside the syringe and immediately close the syringe cap, so that the material is not lighted.
- The material is sensitive to light. Avoid too long manipulation time under intensive lighting.

### WARNINGS AND PRECAUTIONS!

**NOTE!** The composite contains methacrylates. Uncured methacrylates may cause allergic reactions. Do not use dline Light Curing Nano Hybrid Composite if patient is allergic to product or to any of the ingredients.

#### Hazard and precautionary statements:

Product causes skin, serious eye irritation, may cause respiratory irritation, and may cause an allergic skin reaction. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

#### Prevention:

Avoid breathing vapours. Wash hands thoroughly after handling. Use only in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

#### Interaction with other substances:

dline Light Curing Nano Hybrid Composite should not be used with products containing eugenol.

### STORAGE

Keep container tightly closed in dry well-ventilated place at 4-28°C. Protect from direct sunlight and heat sources. Do not freeze the product. Store locked up. The batch number should be quoted in all correspondence. See packaging for batch and expiry date. Do not use after the expiry date. Dispose of contents/container to as required by national regulatory requirements. Keep out of the reach of children!

### MANUFACTURERS RESPONSIBILITY

Our products have been developed for professional use in dentistry. As the application of our products is beyond our control, the user is fully responsible for the application. Of course, we guarantee the quality of our products in accordance with the applied standards.