

## Product information

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**HeyTec-N** is a visible light cure nano-filled composite for anterior and posterior restorations. Beside its low shrink and low abrasion HeyTec-N shows improved handling features and excellent mechanical properties.

**HeyTec-N** is based on urethanedimethacrylate resin and inorganic filler particles <1.0 µm. The total filler content is 82 % (wt).

**HeyTec-N** meets the requirements of DIN EN ISO 4049.

### 1. INDICATIONS

Suitable for all cavities.

### 2. SIDE EFFECTS

Irritations resulting from direct contact with the pulp cannot be ruled out. Therefore, for pulp protection the cavity floor in cases of deep excavations should be covered with a thin layer of calcium hydroxide material.

### 3. INTERACTIONS

Do not use in combination with substances containing eugenol because eugenol inhibits the polymerization of the composite. Neither store the composite material in proximity of eugenol containing products, nor let the composite allow coming into contact with materials containing eugenol.

### 4. PREPARATION OF TOOTH AND COLOUR MATCHING

Clean the tooth with a fluoride-free polishing paste (e.g. flour of pumice with water) prior to preparation and color matching. Ascertain the tooth shade while teeth are still moist and select the appropriate HeyTec-N shade.

HeyTec-N is shaded according to VITA®-Shades. It is also available in special shades and bleach shades.

### 5. CAVITY PREPARATION

After isolation (best with a rubber dam) prepare the cavity with minimal tooth reduction.

Best pulp protection in case of deep excavations is the photo-activated disinfection (PAD). If this is not possible, deep excavations should be covered with a thin layer of calcium hydroxide material.

Condition and apply a bonding agent according to the manufacturer instructions. The total etch technique with ETCHING GEL (e.g. H-Etch) and subsequent application of a light cure bonding agent (e.g. H-BOND) is recommended. Otherwise use a self-etching bonding agent (e.g. H-Etchbond) before application of the HeyTec-N.

### 6. APPLICATION AND CURING

Apply HeyTec-N in the selected shade. HeyTec-N is easy to model. Place it by using a suitable instrument (e.g. KOHLER). Transparent matrix strips may be used.

In case of deep and extended cavities best results are obtained with a build-up of a base liner using a light cure flow able composite (e.g. H-Flow), followed by the application of HeyTec-N. In case of small cavities HeyTec-N can be applied directly.

For an optimum result apply HeyTec-N in layers of max. 2 mm. Light cure each increment separately. By using a polymerization unit with a light intensity of at least 1000mW/cm², cure each increment as follows:

-lighter shades (e.g. A1, A2) - 20 seconds

-darker shades (e.g. A3.5, A4) - 30 seconds

### 7. FINISHING

Contour with fine diamonds, stones or burs. Polish to high gloss with discs or rubber points. Interproximal finishing is accomplished by fine grit finishing strips.

### 8. STORAGE

Do not store above 25°C (78°F). Protect from direct sunlight. Do not use after expiry date.

Close syringe immediately after use to avoid exposure to light.

APPLIC.-Tips are for single use only.

*Keep away from children!*

### 9. PRECAUTIONS

Do not use any resin to adjust viscosity of composite restorative material.

Contact of resin pastes with skin should be avoided, especially by anyone having known resin allergies.

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For dental use, only!

## 10. PACKAGING AND REFERENCE NUMBERS

|                                           |                                                                                                                           |                                                                                                              |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1 syringe <b>4g</b>                       | <b>A1</b> - HE311<br><b>A2</b> - HE312<br><b>A3</b> - HE313<br><b>A3.5</b> - HE314<br><b>A4</b> - HE328<br><b>A5</b> -    | <b>OA2</b> - HE315<br><b>OA3</b> - HE322<br><b>BL</b> - HE394<br><b>B2</b> - HE317<br><b>Incisal</b> - HE321 |
| 20 APPLIC.-Tips <b>0,3g</b>               | <b>A1</b> - HE311<br><b>A2</b> - HE312<br><b>A3</b> - HE313<br><b>A3.5</b> - HE314<br><b>A4</b> - HE328<br><b>A5</b> - HE | <b>OA2</b> - HE315<br><b>OA3</b> - HE322<br><b>BL</b> - HE394<br><b>B2</b> - HE317<br><b>Incisal</b> - HE321 |
| Set 8 syringe <b>4g</b>                   | <b>arbitrarily selected colors</b> - HE377                                                                                |                                                                                                              |
| Set 8 syringes <b>4g + H-Bond 5ml</b>     | <b>arbitrarily selected colors</b> - HE378                                                                                |                                                                                                              |
| Set 8 syringes <b>4g + H-Etchbond 5ml</b> | <b>arbitrarily selected colors</b> - HE379                                                                                |                                                                                                              |
| Set 4 syringe <b>1g</b>                   | <b>selected colors</b> - HE376                                                                                            |                                                                                                              |

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**Made in Germany!**