TPH³ is a visible light-activated, radiopaque composite restorative material for anterior and posterior restoration of permanent teeth. It is to be used following the application of a suitable adhesive such as Prime & Bond NT Universal Dental Adhesive System, or XENO III Self-Etch Adhesive. Use of other dentin/enamel adhesive systems with TPH³ Restorative material is at the discretion and sole responsibility of the dental practitioner.

FORMULA

- The resin matrix of TPH³ Restorative material consists of a Bis-GMA adduct, a Bis-EMA adduct, and triethylene glycol dimethacrylate
- Camphorquinone photoinitiator
- Stabiliser
- Pigments

The filler combination consists of a mixture of barium alumino boro silicate glass and barium fluoro alumino boro silicate glass with a mean particle size below 1µm and nanofiller silica.

This combination results in a hybrid composite with good strength and wear resistance for posterior use, combined with high surface lustre and smoothness which is an essential property for anterior use of a composite.

INDICATIONS

- Direct restorative for all cavity classes in anterior and posterior teeth
- Direct esthetic veneering restorative material and cosmetic reshaping (eg. Diastema closure, incisal lengthening)
- Indirect fabrication of inlays and onlays

CONTRA-INDICATIONS

- Patients who have a history of severe allergic reaction to methacrylate resins.

PRECAUTIONS

- This product is intended only to be used as specifically outlined in the directions for use (http://www.dentsply.com/assets/DFU/TPH3EnglishDFU.pdf). Any use of this products inconsistent with these directions, is at the discretion and sole responsibility of the practitioner.
- Contact with saliva and blood during composite placement may cause failure of the restoration. Use of rubber dam or adequate isolation is recommended.
- Wear suitable protective eyewear, mask, clothing and gloves. Protective eyewear is recommended for patients.
- Eugenol-containing materials should not be used in conjunction with this product because they may interfere with hardening and cause softening of the polymeric components of the material.
• The **TPH³** Restorative Material is light-cured material. Proceed immediately once material has been placed on pad or protect from ambient light

• Material should exude easily from the Compules Tip. Use a gentle, even motion when exerting pressure on the Compules Tip Gun. DO NOT USE EXCESSIVE FORCE. Excessive pressure may result in unanticipated extrusion of the material or cause the Compules Tip to eject from the gun

• Compules tips are designed for one time use. Discard after use. Do not reuse.

• The **TPH³** restorative material Easy Twist Syringe should be tightly closed immediately after use

• We recommend using a Dentsply Caulk Compules Tip Gun. If using another dispensing device, sterilisation should be done based on the respective manufacturer’s instructions.

### STORAGE

To be stored at temperatures between 10ºC and 24ºC. Protect from moisture. Do not use after expiration date.

### SIMILAR PRODUCTS

Z100, Z250, Z350, Tetric Ceram and Te Econom.

### PRESENTATION

This one-component, visible light-cured composite restorative is packaged in predosed Compules tips and 3g Easy Twist syringes in 13 Vita/Bioform and 6 accessory shades for a total of 19 shades. Shade matching has been optimised to the Bioform and Vita systems.

1 x 3g Syringe

**Shades Available:** A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, C4 and D3