

**English**

**INSTRUCTIONS FOR USE:**

**Artiste™ Nano-Hybrid Flowable Composite**

*Artiste* material is a flowable, light curing, radiopaque nano-hybrid composite for a variety of composite restorations where a low viscosity composite with high polishability is required. *Artiste* flowable composite can be used alone or in conjunction with *Simile®* Nano-Hybrid Composite or other light curing composites. In addition, *Artiste* flowable composite's physical properties enable it to be used in any circumstance where a flowable composite is required. *Artiste* flowable composite cures with light in the wave length of 400 – 500 nm (blue light).

**INDICATIONS:**

- Class V restorations (cervical caries, root erosion, wedge-shaped defects)
- Class III restorations
- Small posterior restorations
- Restoration of small Class I cavities
- Preventive resin restorations in molars and premolars
- Repair of composite and ceramic veneers
- Blocking out undercuts
- Base liner under higher viscosity restorative materials
- Pit and fissure sealant
- Direct veneers
- Veneer cementation

**CONTRAINDICATIONS:**

- Avoid placement in stress bearing areas. Use *Simile* Nano-Hybrid composite for these applications.
- *Artiste* flowable composite should not be used if a dry field or proper procedures are not applicable.
- Caution: The use of this product should be avoided on patients with a known sensitivity to any of its ingredients.

**Incompatibility**

Avoid using materials that contain eugenol or clove oil as they may inhibit the polymerization of this composite. Contact with cationic mouth rinses, plaque disclosing agents and chlorhexidine may result in discoloration.

**INSTRUCTIONS FOR USE:**

1. Clean the teeth before selecting the shade.
2. Isolate the treatment area with a rubber dam.
3. Prepare the cavity according to the principles of adhesive dentistry. Do not prepare any sharp internal edges or additional undercuts in caries-free areas. In anterior regions, bevel the enamel edges. Caries-free cervical defects are not prepared, but merely cleaned with pumice and a suitable cleaning paste using a rubber cup or rotary brush. Remove possible residue with water spray and clean the cavity.
4. For deep cavities cover the floor adjacent to the pulp with calcium hydroxide material and subsequently use a pressure resistant cement such as a light cured glass ionomer cement. Do not cover other cavity walls. Use these surfaces for bonding with an enamel/dentin adhesive.
5. Use a transparent matrix for cavities affecting the proximal areas. In the posterior region, a stainless steel matrix may be used.
6. Apply bonding agent according to the manufacturer's instructions for use.

For best results, Pentron Clinical recommends the use of our Nano-Bond® Adhesive System, Bond-1® Primer/Adhesive, or our Bond-It® Enamel/Dentin Bonding System.

7. Apply *Artiste* flowable composite directly into the cavity and pre-contour it with the application tip. The layer thickness should not exceed 2 mm. When using the universal opaque shade, the layer thickness should be equal to or less than 1 mm to ensure proper curing.

**Note:** For best results, dispense *Artiste* Flowable composite using a #19 gauge bent needle tip.

8. Light cure each increment for 10 seconds with a curing light with output in excess of 600 mW/cm<sup>2</sup>. Pentron Clinical recommends the *Avanté™* LED Curing Light or the *Avanté* Halogen Curing Light. The last increment should be light cured for 20 seconds. Hold the light guide as close as possible to the restorative material. Do not touch the uncured material with the light guide. When using a metal matrix, cure from the buccal or lingual/palatal direction after the matrix band has been removed.
9. Remove excess material with a *Fini™* Polishing Disk or a fine grain diamond. Remove the proximal excess with diamond or tungsten carbide finishers or finishing strips. Check the occlusion and adjust it as necessary.
10. Polish the restoration to a high gloss using *Fini* Polishing disks and *Fini* Polishing Paste.