Description:
Alpha-dent® Self Cure Composite Restorative Material contains 57% by volume of a blend of inorganic radiopaque fillers with particle range from 0.01 to 74 microns. The organic matrix oligomer is based on Bis-GMA resin. Available in one universal shade that will optimally adapt to the restorations and surrounding tooth structure.

Indications for Use:
Alpha-dent® Self Cure Composite Restorative Material is recommended for Class III and Class V restorations and for limited use in Class I restorations in premolars and selected Class IV restorations where esthetics is of primary importance.

Contraindication:
Alpha-dent® Self Cure Composite Restorative Material is contraindicated in patients with a history of severe allergic reaction to methacrylate resins.

Warnings:
- Avoid contact of etchant with soft tissue, eyes and skin.
- Alpha-dent® etchant contains phosphoric acid which is harmful. In case of contact with soft tissue, eyes or skin immediately flush with water for at least 15 minutes. Seek immediate medical attention.
- Be certain to avoid cross-contamination of the pastes. The presence of either paste in the other will result in hardening of the paste in the jars.
- Never use a disposable spatula a second time. A used spatula would be a source of contamination.

General Precautions:
1. U. S. Federal Law restricts this device to sale by or on the order of a dentist.
2. Review instructions and MSDS prior to beginning treatment. Use only as directed.

Adverse Reaction:
Allergic or pre-existing skin, eye and respiratory conditions may be aggravated by exposure to this product.

Instructions for Use:
1. Prepare the tooth. Isolate and dry the tooth thoroughly.
2. If using Alpha-dent® etchant or Alpha-Etch37® etch enamel for 15 seconds or if applied to dentin etch for 10 seconds; never leave etchant on tooth for more than 60 seconds. Lightly agitating the etchant during its application can enhance its action.
3. Rinse thoroughly with water and dry tooth completely.
4. If using Alpha-dent® catalyst and base bonding adhesives, dispense equal amounts, one or two drops each of Alpha-dent® catalyst and base onto a mixing pad or other suitable surface. Mix thoroughly for 5 to 10 seconds. Thoroughly saturate a brush tip and generously apply a uniform layer onto the etched tooth. Alpha-dent® Self Cure Bonding Adhesive will begin to harden within 30 seconds from the start of mixing. After 45 seconds, placement of the Alpha-dent® Self Cure Composite Restorative Material can be placed over the self cure bonding adhesive without waiting for the bonding adhesive to set completely. Complete setting of Alpha-dent® Self Cure Bonding Adhesive will occur in 1.5 minutes from the start of mixing. If using a self cure bonding adhesive from another manufacturer, follow their instructions.
5. Place equal amounts of the base and catalyst paste onto the mixing pad. Spatulate the base and catalyst pastes for 20 seconds to assure a uniform mix.
6. Using slight excess of mixed composite, place into cavity using a non-metallic instrument. The composite material will begin to harden 2 minutes from the beginning of the mixing time. The composite material will set during the next 30 seconds (net setting time) and should not be disturbed during this period. Another 1 minute will complete hardening.
7. After the end of 3 minutes from the beginning of mixing, finishing and polishing procedures may begin. Finish and shape by using diamond, carborundum stone, or carbide burs at conventional speeds. A composite surface sealant can also be used to seal microcracks and/or surface imperfections caused by the finishing procedures.

Storage:
1. Recommended storage conditions are between 2°C/36°F to 27°C/80°F, bringing to room temperature before using (22°C/72°F). Do not freeze. See outer package for expiry date.
2. Do not store materials in proximity of eugenol containing products; complete setting may not occur.
3. Keep containers closed when not in use.