

# PVS Bite Technique Guide

**Bite Material: Regisil® Rigid by Dentsply Caulk**

## Precautions to read before taking PVS Bite registration:

1. Do not contaminate PVS bite material with latex or “sulfur-containing” polymeric gloves. Latex gloves can contaminate all vinylpolysiloxane (VPS) putties, cartridge materials and bite materials. Even touching the teeth with latex gloves on prior to taking an impression can be detrimental to success. Residue from some brands of latex gloves may leach out especially in the presence of blood, saliva and some astringents and retraction cords. These residues on the surfaces of teeth can interfere with the chemical set of the polyvinyl surface and lead to loss of surface detail and inaccuracies. Vinyl or other non-latex gloves are recommended.
2. Use of some hand soaps and lotions can interfere with the setting action.
3. Before use, make certain the material is at room temperature. Elevated temperatures will shorten work time and set times. Regisil® Rigid Bite Material is not affected by minor variations in temperature, pressure or humidity.
4. Remove any unset bite material from clothing with a proprietary cleaning solvent, isopropyl alcohol, or by dry cleaning.
5. Due to the stiffness of Regisil® Rigid Bite Material, severe undercuts should be blocked out prior to use.

## Directions for Use



### Cartridge Dispensing Instructions

1. Push plunger, release lever upward with thumb and hold in upward position. Hold the release lever up and pull the plunger all the way back in the dispenser handle.
  - Orient and insert cartridge with v-shaped notch facing down. Close the top clasp to lock cartridge into dispenser gun.
  - Advance the plunger to enter the cartridge. Note: If plunger does not enter into the cartridge, check to see that the cartridge is properly aligned.
  - Remove the cartridge cap by turning 90 degrees counterclockwise. The cartridge cap can be replaced on cartridge when storing the cartridge after initial use.
2. Dispense a small amount of base and catalyst before installing mix tip to ensure even flow from the cartridge. Use gentle pressure. Be sure no plug blocks flow. If any plug blocks flow, clear with an instrument. Wipe away excess from the cartridge.





3. Install a mixing tip in the cartridge by lining up the v-shaped notch on the outside colored rim of the mix tip with the v-shaped notch on the cartridge flange. Gently push tip on to the cartridge. If mix tip does not seat easily, be sure the internal holes of the mix tip are aligned correctly. The two holes should line up with the v-shaped notch on the outside of the colored rim. Rotate tip within the colored cap if necessary to align.

- Once inserted, rotate colored cap 90 degrees in a clockwise direction to lock in place on cartridge.

### Dispensing PVS Bite Material & Bite Registration Technique



1. Squeeze the dispenser trigger with moderate and even pressure to begin mixing material. Material will stop flowing after trigger is released.

- Inject material directly onto the patient's occlusal surfaces. A layer of about 5 mm of bite material is usually sufficient. Do not exceed 30 seconds while injecting.



2. Gently guide or instruct patient to close into desired position. Due to the thixotropic nature, Rigid Bite Registration Material offers no resistance to closure during the 30 seconds of work time



3. After 1 minute from the start of mixing, the material may be removed from the patient's mouth. Have the patient open and carefully release the bite registration from the teeth. Check for residual material in undercut areas.



4. Rinse registration under cold water and air blow dry. Do not store registration in direct sunlight. Regisil® Rigid Bite Material can be disinfected with a standard disinfecting solution or spray.

- After each use, either leave the mixing tip in place or remove tip and discard, replacing original cartridge cap until the next use. Either one will serve as a self-sealing device.
- For subsequent usage, remove and discard the used mixing tip or the original cap and repeat instructions above.