



Surface Inhibition/Wash Slow Setting

Photo #1 (top)

Surface Inhibition - Simult. Medium/Light Technique

Photo #2 (bottom)

Die Stone with Impression Material Residue

Issue

■ The surface of the impression material is not set, tacky to the touch, and visually resembles the surface of an orange peel (Photo #1).

■ Unset impression material residue may be transferred from the impression to the die stone during model pouring (Photo #2).

■ Wash slow setting.

Cause

■ ■ Latex glove/rubber dam inhibition. Touching the prepared teeth or surrounding tissues, rolling retraction cord in gloved fingers, or the use of a rubber dam may transfer sulfur to critical areas of the impression; causing site specific inhibition.

■ ■ Exposure to residues from custom temporary materials.

■ ■ Exposure to air inhibited methacrylates (i.e., composites, adhesives, core build-up materials).

■ Cartridge plugging.

■ Product beyond its expiration date.

■ Cause unknown.

Solution

■ Wear vinyl gloves, or latex gloves which are proven not to inhibit the set of VPS impression materials. If contamination is suspected, scrub affected area with dilute hydrogen peroxide immediately prior to making the final impression.

■ ■ Fabricate the temporary crown or bridge after the final impression has been made.

■ ■ Remove air inhibited layer on the exposed surface with an alcohol wipe before making the final impression.

■ If a plug is present, remove with an explorer. Bleed cartridge and attach a new mix tip.

■ Purchase refill.

■ Replace via 3M ESPE Technical Hotline (1-800-634-2249).

**For additional assistance contact the
3M ESPE Technical Hotline: 1-800-634-2249
In Canada, call 1-800-265-1800 x6229**

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