

## ***ArmaKleen Technical Service Report Summary***

**Cleaning Trial Type:** Aqueous

**Industry:** Dental equipment and supplies manufacturing

**Segment:** 29 – Mfg – Miscellaneous

**Soil:** cured and uncured epoxy paste

**Substrate:** resin

**Description of Part(s):** an assortment of resin molds

**Customer objective:** The customer was looking to improve their cleaning performance, automate their cleaning process and eliminate hazardous chemical/waste.

**Cleaner used:**

- 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner
- 10% by volume solution of ArmaKleen™ M-301

**Machine used:**

- Ultrasonic Washer (SK Blackstone 6315)
- Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/SUI)

**Temperature used:** 150°F – 160°F

**Time required:** 3 – 6 hours

**Post Cleaning:** Lightly brushed in several areas with a nylon bristle brush during the fresh water rinse and then air pressure dried.

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner at 160°F in an Ultrasonic Washer for a minimum of 3 hours or a 10% by volume solution of ArmaKleen™ M-301 at 160°F in an Ultrasonic Washer for a minimum of 3 hours or a 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner at 150°F in a Spray-Under Immersion Washer for 6 hours.

**Before Picture**



**After Picture**



**Source:** TSR #16-A-073