

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

**Cleaning Trial Type:** Aqueous

**Industry:** Shoe Manufacturing

**Segment:** Retail Trade

**Soil:** Mold release

**Substrate:** Aluminum

**Description of Part(s):** Two-part mold

**Customer objective:** Improve cleaning performance, automate cleaning process, reduce rework and reject rate

**Cleaner used:** 5% by volume solution of ArmaKleen™ BIO-24

**Machine used:** Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/ SUI)

**Temperature used:** 160°F

**Time required:** 8 hours

**Post Cleaning:** Entire molds had to have their surfaces brushed with a nylon bristle brush during the fresh water rinse and air pressure dried

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ Bio 24 at 160°F in a Spray-Under Immersion Washer for a minimum of 8 hours

**Before Picture**



**After Picture**



**Source:** TSR #18-A-101