

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

**Cleaning Trial Type:** Aqueous cleaning

**Industry:** Painting/manufacturing

**Segment:** 26 Fabricated Metal Products

**Soil:** Unspecified paint residues

**Substrate:** Plastic and steel

**Description of Part(s):** Plastic nozzle caps with steel brace hooks

**Customer objective:** The customer was looking to improve their cleaning performance.

**Cleaner used:** 5% by volume ArmaKleen™ 4 in 1 Cleaner

**Machine used:**

1. Agitating Immersion Cleaner (81.8, T12, T24)
2. Ultrasonic Washer (SK6315 Blackstone model 3523)

**Temperature used:** 150°F to 160°F

**Time required:** 24 hours

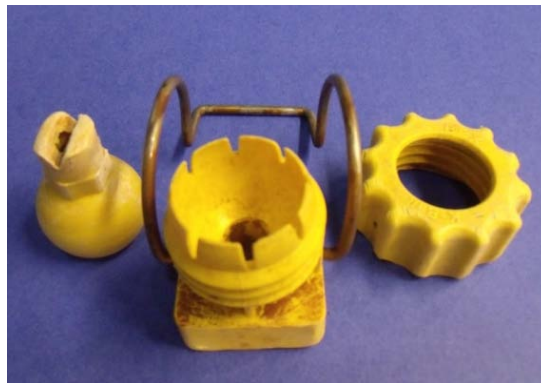
**Post Cleaning:** Brushed with a stainless steel bristle brush during the fresh water rinse followed by air pressure drying.

**Recommendation to Customer:** The ArmaKleen Technical Center recommended using 5% by volume ArmaKleen™ 4 in 1 Cleaner at 150°F in an Agitating Immersion Washer for a minimum of 24 hours with a 24 hour static soak (total cleaning time of 48 hours).

**Before Picture**



**After Picture**



**Source:** TSR #12-A-123