

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Paint & Ink

Industry: Aerospace manufacturer

Segment: 29 – Miscellaneous

Soil: liquid epoxy paint and hybrid powder coat paint

Substrate: Silicone

Description of Part(s): ten 8”d x 1.5”h silicone caps/lids with a center hole

Customer objective: The customer was looking to improve their cleaning performance, automate their cleaning process, reduce rework and reject rate and reduce their cleaning costs

Cleaner used: 100% by volume solution of ArmaKleen™ Paint and Ink Remover

Machine used:

- Ultrasonic Washer (SK Blackstone model 6315)
- Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/SUI)
- Spray Washer (JRI TL3, JRI FL250, JRI FL500, Better Engineering G-2000)

Temperature used: 160°F

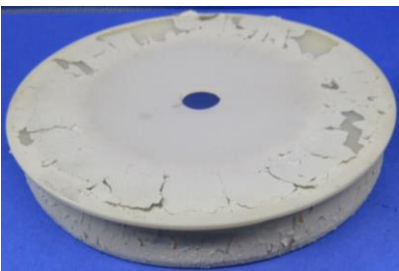
Time required:

- 3 hours (Ultrasonic Washer)
- 6 hours (Spray Washer)
- 8 hours (Spray-Under Immersion Washer)

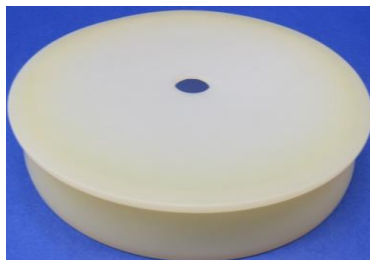
Post Cleaning: Fresh rinse followed by air pressure drying

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 100% by volume solution of ArmaKleen™ Paint and Ink Remover at 160°F in an Ultrasonic Washer for a minimum of 3 hours, a Spray Washer for a minimum of 6 hours or a Spray-Under Immersion Washer for a minimum of 8 hours.

Before Picture



After Picture



Source: TSR #17-P-077