

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 12/11/2003

Experimenters: Dave Hout

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Inks

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning. One product was used at full strength. Three preweighed coupons were coated with Ink - Lithographic Black Ink and allowed to dry for a half an hour and reweighed. Three coupons were cleaned in each solution for 5 minutes using stir-bar-agitation, rinsed in a tap water bath for 15 seconds at 120 F and dried using air blow off for 30 seconds at 68 F. Coupons were allowed to dry for a half an hour and then reweighed a final time. Efficiencies were calculated.

Results:

Summary:

| | | | | | |
|------------------------------|---------------------------|---------------|--------------------|--------------------------|----------------------|
| Substrates: | Stainless Steel | | | | |
| Contaminants: | Inks | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Chemkleen International Inc. | CT 1 Multipurpose Cleaner | 5 | 12.94 | <input type="checkbox"/> | |

Conclusion: The product was not effective at removing the contaminant.