

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 12/05/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

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.
Cleaning: 5 min Immersion cleaning with stir-bar agitation @ 120 F
Rinsing: 1/2 min, manual, in 120 F water (tap)
Drying: 1 min with heat gun @ 500F
Contaminant: Sheetfed Offset Ink Supertech Dense Black (AD-2340) Black Paste. No CAS #'s on MSDS

Results:

Summary:

| | | | | | |
|-------------------------------|--|---------------|--------------------|--------------------------|----------------------|
| Substrates: | Aluminum | | | | |
| Contaminants: | Inks | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Buckeye International | XL 100 Cleaner & Degreaser | 5 | 1.48 | <input type="checkbox"/> | |
| Buckeye International | Immersion Cleaner | 5 | 0.87 | <input type="checkbox"/> | |
| Buckeye International | Ambush | 5 | 1.35 | <input type="checkbox"/> | |
| SOQ Environmental Technology | Ecomate FN | 5 | 0.20 | <input type="checkbox"/> | |
| Simple Green | Concentrated Industrial Strength Cleaner and Degreaser | 5 | 7.54 | <input type="checkbox"/> | |
| Magnaflux | Daraclean 236 | 5 | -0.84 | <input type="checkbox"/> | |
| Magnaflux | Daraclean 203 | 5 | 4.29 | <input type="checkbox"/> | |
| A 1 Hydro Parke Hill Chemical | SW Wash 10 Aircraft Cleaner | 5 | 0.36 | <input type="checkbox"/> | |

Conclusion: