

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 07/19/2000

Experimenters: John Brunelle

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Nickel, Stainless Steel

PartType: Coupon

Contaminants: Adhesive, Fluxes, Greases, 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.
Laboratory evaluation.
Contaminant: Adhesive Acrylic Sealant 5504
Grease, CAS: 64742-47-8
Flux, Ersin 5831 RMA
Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5

Results:

Summary:

| Substrates: | | Aluminum, Brass, Copper, Nickel, Stainless Steel | | | |
|-----------------------|---------------------|--|-------------|-------------------------------------|---------------|
| Contaminants: | | Adhesive, Fluxes, Greases, Inks | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Buckeye International | Shopmaster RC | 100 | 99.40 | <input checked="" type="checkbox"/> | flux |
| Buckeye International | Shopmaster RC | 100 | 61.80 | <input type="checkbox"/> | grease |
| Buckeye International | Shopmaster RC | 10068 | -53.90 | <input type="checkbox"/> | adhesive |
| Buckeye International | Shopmaster RC | 100 | 69.30 | <input type="checkbox"/> | ink |
| Dysol | DS 104 Wipe Solvent | 100 | 98.70 | <input checked="" type="checkbox"/> | flux |
| Dysol | DS 104 Wipe Solvent | 100 | 104.30 | <input type="checkbox"/> | grease |
| Dysol | DS 104 Wipe Solvent | 100 | 35.70 | <input type="checkbox"/> | adhesive |
| Dysol | DS 104 Wipe Solvent | 100 | 109.90 | <input type="checkbox"/> | ink |
| Dysol | DS 108 Wipe Solvent | 100 | 100.60 | <input checked="" type="checkbox"/> | flux |
| Dysol | DS 108 Wipe Solvent | 100 | 120.70 | <input type="checkbox"/> | grease |
| Dysol | DS 108 Wipe Solvent | 100 | 49.70 | <input type="checkbox"/> | adhesive |
| Dysol | DS 108 Wipe Solvent | 100 | 69.60 | <input type="checkbox"/> | ink |

Conclusion: