

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 04/21/2000

Experimenters: Nicole Vayo, John Brunelle

ClientType: Lab

ProjectNumber: Project #1

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

PartType: Coupon

Contaminants: Adhesive, Fluxes, Greases, Inks, Oil

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
Flux, RMA
Grease, CAS: 64742-47-8
Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5
Oil, CAS: 64741-89-5, 8052-42-4

Results:

Summary:

| | | | | | |
|----------------------|----------------------|---|--------------------|-------------------------------------|----------------------|
| Substrates: | | Aluminum, Brass, Copper, Nickel, Plastic, Stainless Steel | | | |
| Contaminants: | | Adhesive, Fluxes, Greases, Inks, Oil | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Today & Beyond | Beyond 2001 | 5 | -4.40 | <input type="checkbox"/> | ink |
| Today & Beyond | Beyond 2001 | 5 | 96.10 | <input checked="" type="checkbox"/> | flux |
| Today & Beyond | Beyond 2001 | 5 | 85.70 | <input checked="" type="checkbox"/> | grease |
| Today & Beyond | Beyond 2001 | 5 | -3.20 | <input type="checkbox"/> | adhesive |
| Today & Beyond | Beyond 2002 | 5 | -1.87 | <input type="checkbox"/> | ink |
| Today & Beyond | Beyond 2002 | 5 | 95.62 | <input checked="" type="checkbox"/> | flux |
| Today & Beyond | Beyond 2002 | 5 | 59.22 | <input type="checkbox"/> | grease |
| Today & Beyond | Beyond 2002 | 5 | 96.32 | <input checked="" type="checkbox"/> | oil |
| Today & Beyond | Beyond 2002 | 5 | -3.66 | <input type="checkbox"/> | adhesive |
| Today & Beyond | Beyond 2003 | 5 | -1.38 | <input type="checkbox"/> | ink |
| Today & Beyond | Beyond 2003 | 5 | 502.70 | <input checked="" type="checkbox"/> | flux |
| Today & Beyond | Beyond 2003 | 5 | 52.90 | <input type="checkbox"/> | grease |
| Today & Beyond | Beyond 2003 | 5 | 97.90 | <input checked="" type="checkbox"/> | oil |
| Today & Beyond | Beyond 2003 | 5 | 14.07 | <input type="checkbox"/> | adhesive |
| Today & Beyond | Beyond 2004 | 5 | -3.10 | <input type="checkbox"/> | ink |
| Today & Beyond | Beyond 2004 | 5 | 96.80 | <input checked="" type="checkbox"/> | flux |
| Today & Beyond | Beyond 2004 | 5 | 90.20 | <input checked="" type="checkbox"/> | grease |
| Today & Beyond | Beyond 2004 | 5 | 5.39 | <input type="checkbox"/> | adhesive |

Conclusion: