

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 02/01/2000

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Stainless Steel

PartType: Coupon

Contaminants: Coatings, Inks, Lubricating/Lapping Oils, 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: 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
Coating, CAS: 64742-47-8, 64742-52-5
Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7

Results:

Summary:

| | | | | | |
|----------------------|---|---------------|--------------------|-------------------------------------|----------------------|
| Substrates: | Aluminum, Brass, Copper, Stainless Steel | | | | |
| Contaminants: | Coatings, Inks, Lubricating/Lapping Oils, Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Oakite Products | Citradet | 5 | 16.20 | <input type="checkbox"/> | coating |
| Oakite Products | Citradet | 5 | 2.50 | <input type="checkbox"/> | ink |
| Oakite Products | Citradet | 5 | 96.80 | <input checked="" type="checkbox"/> | lubricant |
| Oakite Products | Citradet | 5 | 75.00 | <input type="checkbox"/> | oil |
| Savogran Company | SI #4 Coating Remover | 100 | 24.80 | <input type="checkbox"/> | coating |
| Savogran Company | SI #4 Coating Remover | 100 | -568.00 | <input type="checkbox"/> | ink, lots of residue |
| Gemtek Products | SC Supersolve Safety Solvent | 5 | 39.90 | <input type="checkbox"/> | coating |
| Gemtek Products | SC Supersolve Safety Solvent | 5 | 8.10 | <input type="checkbox"/> | ink |
| Gemtek Products | SC Supersolve Safety Solvent | 5 | 46.19 | <input type="checkbox"/> | lubricant |
| Gemtek Products | SC Supersolve Safety Solvent | 5 | 93.80 | <input checked="" type="checkbox"/> | oil |

Conclusion: