

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 11/16/2000

Experimenters: Todd MacFadden

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Plastic, Stainless Steel, 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. Laboratory evaluation.  
Contaminant: Ink, ER Series  
Ink, Electrode Ink, CAS: 7440-22-4, 7440-05-3, 64742-47-8, 8006-39-1, 1317-36-8, 1314-23-4, 13463-67-7, 1633-05-2, 516-02-9, 1312-81-8, 1309-37-1, 1313-99-1, 1313-96-8, 7440-22-4

## Results:

### Summary:

| <b>Substrates:</b>                 | Aluminum, Plastic, Stainless Steel, Steel |        |             |                          |               |  |
|------------------------------------|---|--------|-------------|--------------------------|---------------|--|
| <b>Contaminants:</b>               | Inks                                      |        |             |                          |               |  |
| Company Name:                      | Product Name:                             | Conc.: | Efficiency: | Effective:               | Observations: |  |
| Tarksol Inc                        | Tarksol HTF 85 B                          | 100    |             | <input type="checkbox"/> |               |  |
| Bio Chem Systems                   | Solsafe 245                               | 100    | 24.00       | <input type="checkbox"/> | ER series     |  |
| Bio Chem Systems                   | Solsafe 245                               | 100    | 4.40        | <input type="checkbox"/> | Electrode ink |  |
| Alconox Inc                        | Det-O-Jet                                 | 1      | -7.40       | <input type="checkbox"/> | ER Series     |  |
| Alconox Inc                        | Det-O-Jet                                 | 1      | 15.10       | <input type="checkbox"/> | Electrode ink |  |
| International Products Corporation | Micro 90 Conc.                            | 1      | 13.05       | <input type="checkbox"/> | ER Series     |  |
| International Products Corporation | Micro 90 Conc.                            | 1      | -1.80       | <input type="checkbox"/> | Electrode Ink |  |

### Conclusion: