

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 11/30/2000

Experimenters: Todd MacFadden

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, 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: 1-Ink, AB Dick 3-2020 Electrostatic Black  
2-Ink, Van Son Pantone V5386 Reflex Blue  
3-Ink, Daye Black

## Results:

### Summary:

| <b>Substrates:</b>       | Aluminum, Stainless Steel, Steel |        |             |                          |               |
|--------------------------|----------------------------------|--------|-------------|--------------------------|---------------|
| <b>Contaminants:</b>     | Inks                             |        |             |                          |               |
| Company Name:            | Product Name:                    | Conc.: | Efficiency: | Effective:               | Observations: |
| Hotsy Cleaning Systems   | Tubmate All Purpose              | 5      | 0.83        | <input type="checkbox"/> | ink1          |
| Hotsy Cleaning Systems   | Tubmate All Purpose              | 5      | 0.85        | <input type="checkbox"/> | ink 2         |
| Hotsy Cleaning Systems   | Tubmate All Purpose              | 5      | 3.25        | <input type="checkbox"/> | ink 3         |
| By Pas and Star Products | Star Cleaning Miracle # 50       | 5      | 1.34        | <input type="checkbox"/> | ink 1         |
| By Pas and Star Products | Star Cleaning Miracle # 50       | 5      | 1.00        | <input type="checkbox"/> | ink 2         |
| By Pas and Star Products | Star Cleaning Miracle # 50       | 5      | 3.58        | <input type="checkbox"/> | ink 3         |
| Dysol                    | DS 104 Wipe Solvent              | 100    | 68.50       | <input type="checkbox"/> | ink 1         |
| Dysol                    | DS 104 Wipe Solvent              | 100    | 40.59       | <input type="checkbox"/> | ink 2         |
| Dysol                    | DS 104 Wipe Solvent              | 100    | 36.10       | <input type="checkbox"/> | ink 3         |
| Sky Products Company Inc | Cleaner #10                      | 5      | 1.78        | <input type="checkbox"/> | ink 1         |
| Sky Products Company Inc | Cleaner #10                      | 5      | 3.30        | <input type="checkbox"/> | ink 2         |
| Sky Products Company Inc | Cleaner #10                      | 5      | 3.45        | <input type="checkbox"/> | ink 3         |

### Conclusion: