

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 07/11/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

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.  
Cleaning: 5 min Immersion Soak cleaning at 130 F with stir-bar agitation.  
Rinsing with Tap Water  
Drying: 30 s50 Air blow off using hose and outlet on bench  
Contaminant Mix-Opake Plastisol Inks  
Substrate 2"x 4"x 0.06" Aluminum Coupons

## Results:

### Summary:

| <b>Substrates:</b>      | Aluminum            |        |             |                          |               |
|-------------------------|---------------------|--------|-------------|--------------------------|---------------|
| <b>Contaminants:</b>    | Inks                |        |             |                          |               |
| Company Name:           | Product Name:       | Conc.: | Efficiency: | Effective:               | Observations: |
| Chemtronics Inc         | Super Bio Wash      | 5      | 7.50        | <input type="checkbox"/> |               |
| Church & Dwight Co Inc. | Armakleen E 2001    | 5      | 2.18        | <input type="checkbox"/> |               |
| Ausimont USA Inc        | Perfluorosolv PFS 1 | 5      | 3.31        | <input type="checkbox"/> |               |
| Warren Chemical Company | Sea Wash Blue       | 5      | 2.93        | <input type="checkbox"/> |               |

### Conclusion: