

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001  
 DateRun: 12/28/2001  
 Experimenters: Purav Dave  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Aluminum  
 PartType: Coupon  
 Contaminants: Resins/Rosins  
 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 cleaning at 120 F with stir-bar agitation.  
 Rinsing : 1/2 min. manual in water at 120 F .  
 Drying : 1 min. with heat gun at 500 F.  
 Contaminant : Gelva Multipurpose Resin Solution  
 Cas # : 50862-46-9, 141-78-6, 142-80-5

## Results:

### Summary:

| <b>Substrates:</b>    |                   | Aluminum      |             |                          |               |
|-----------------------|-------------------|---------------|-------------|--------------------------|---------------|
| <b>Contaminants:</b>  |                   | Resins/Rosins |             |                          |               |
| Company Name:         | Product Name:     | Conc.:        | Efficiency: | Effective:               | Observations: |
| Alconox Inc           | Alcojet           | 1             | 3.12        | <input type="checkbox"/> |               |
| Buckeye International | Shopmaster FF     | 5             | 4.28        | <input type="checkbox"/> |               |
| Buckeye International | Shopmaster HP     | 5             | 1.61        | <input type="checkbox"/> |               |
| Buckeye International | Shopmaster LPH    | 5             | 1.77        | <input type="checkbox"/> |               |
| Calgon Corporation    | SC 431            | 5             | 1.46        | <input type="checkbox"/> |               |
| Buckeye International | Immersion Cleaner | 5             | 2.92        | <input type="checkbox"/> |               |
| Brulin Corporation    | Aquavantage 1400  | 5             | 2.90        | <input type="checkbox"/> |               |

Conclusion: All cleaners failed to give substantial drying.