

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/16/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

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 with stir-bar agitation @ 120 F
Rinsing: 1/2 min, manual, in 102 F water (tap)
Drying: 1 min with heat gun @ 500F
Contaminant: Solutia Inc, Gelva Multipolymer Resin Soln 2895
CAS# 50862-469, resin solid ~ 40% by weight

Results:

Summary:

| | | | | | | |
|------------------------------------|--|-------------------------------|---------------|--------------------|--------------------------|----------------------|
| Substrates: | | Stainless Steel | | | | |
| Contaminants: | | Resins/Rosins | | | | |
| Company Name: | | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Kleer Flo Company | | Grease Off 2 | 5 | 3.64 | <input type="checkbox"/> | |
| Valtech Corporation | | Valtron SP 2201 | 5 | 4.96 | <input type="checkbox"/> | |
| Valtech Corporation | | Valtron SP 2200 | 5 | 6.19 | <input type="checkbox"/> | |
| International Products Corporation | | LF 2100 (Liquid Foam Cleaner) | 5 | 4.46 | <input type="checkbox"/> | |
| US Polychem Corporation | | Polychem PW 147 | 5 | 6.26 | <input type="checkbox"/> | |

Conclusion: None of the cleaners were effective.