

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 04/10/2003

Experimenters: Jason Marshall

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: Ashland Specialty Chem Co, Acrylic resin, Aeroset 1872 Z 40
CAS# 108-88-3, 141-78-6

Results:

Summary:

| | | | | | |
|---------------------------|---------------------------------------|-----------------|--------------------|-------------------------------------|----------------------|
| Substrates: | | Stainless Steel | | | |
| Contaminants: | | Resins/Rosins | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Florida Chemical Company | Citrus Burst 7 | 100 | 96.81 | <input checked="" type="checkbox"/> | |
| Twin Rivers Technologies | Methyl Ester 1618 | 100 | 91.61 | <input checked="" type="checkbox"/> | |
| AG Environmental Products | Canola Gold CE110 | 100 | -218.70 | <input type="checkbox"/> | |
| AG Environmental Products | Soy Clear 1500 | 100 | -350.29 | <input type="checkbox"/> | |
| Vertec BioSolvents | Ink Zapper | 100 | -298.42 | <input type="checkbox"/> | |
| Vertec BioSolvents | VertecBio Gold Unscented Part Cleaner | 100 | 92.42 | <input checked="" type="checkbox"/> | |
| Pentone Corporation | Citrikleen XPC | 100 | -61.42 | <input type="checkbox"/> | |

Conclusion: Wipe removal done on 4 cleaners after trial was run to see if it increased efficiency. It is trial 252