

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 04/02/2003

Experimenters: Jason Marshall

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Paints

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: 30 seconds air blow off, 68 F
Contaminant: Glidden Paint Co, Ultra Hide Semi-Gloss
CAS# 136-52-7, 1317-65-3, 1332-58-1, 6640

Results:

Summary:

| Substrates: | | Aluminum | | | | |
|-----------------------------------|------------------------------------|----------|-------------|-------------------------------------|---------------|--|
| Contaminants: | | Paints | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| Florida Chemical Company | Citrus Burst 7 | 100 | 100.24 | <input checked="" type="checkbox"/> | | |
| Florida Chemical Company | D-Limonene | 100 | 100.17 | <input checked="" type="checkbox"/> | | |
| Bio Chem Systems | Bio T Max | 100 | 100.11 | <input checked="" type="checkbox"/> | | |
| Brulin Corporation | Nature Sol 100 | 100 | 100.24 | <input checked="" type="checkbox"/> | | |
| AG Environmental Products | Canola Gold CE110 | 100 | 90.94 | <input checked="" type="checkbox"/> | | |
| AG Environmental Products | Soy Gold 1000 | 100 | 84.32 | <input type="checkbox"/> | | |
| AG Environmental Products | Soy Clear 1500 | 100 | 76.91 | <input type="checkbox"/> | | |
| United Laboratories International | United 2002 Harvest Gold | 100 | 78.46 | <input type="checkbox"/> | | |
| Finger Lakes Chemical | 2-22 D Limonene Industrial Cleaner | 100 | 97.61 | <input checked="" type="checkbox"/> | | |

Conclusion: