

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 01/08/2002
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 PartType: Coupon
 Contaminants: Latex binder
 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 : latex binder mix (00146),
 CAS # of contaminant : 9016-45-9,7664-41-7, 50-00-0

Results:

Summary:

| Substrates: | | Stainless Steel | | | |
|----------------------|---|-----------------|-------------|--------------------------|--|
| Contaminants: | | Latex binder | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Simple Green | Crystal Simple Green Industrial Cleaner & Degreaser | 5 | 38.49 | <input type="checkbox"/> | |
| Calgon Corporation | Geo Guard 2000 | 5 | 64.99 | <input type="checkbox"/> | |
| Calgon Corporation | GP Xtra | 5 | 42.48 | <input type="checkbox"/> | |
| PCI of America | Hurrisafe 9450 | 5 | 39.34 | <input type="checkbox"/> | |
| Brulin Corporation | Nature Sol 100 | 5 | 49.19 | <input type="checkbox"/> | |
| AW Chesterton | 181 Low Alkaline Cleaner | 5 | 138.35 | <input type="checkbox"/> | 1 coupon efficiency 328.57 other below 55 |

Conclusion: None of the cleaners were effective.