

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 03/19/2002
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 PartType: Coupon
 Contaminants: Latex binder
 Cleaning Methods: Ultrasonics
 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.
 Degasifying: 5 min. in ultrasonic crest at 120 F
 Cleaning: 2 min. in ultrasonic crest at 120F
 Rinsing: 1/2 min. manual with water at 120 F
 Drying: 1 min. with heat gun at 500 F
 Contaminant : Latex Binder Mix
 Cas #: 9016-45-9, 79-06-1, 7664-41-7, 924-42-5, 50-00-0, 1333-86-4, 57-55-6, 7732-18-5
 fluoroacrylate copolymer emulsion, Linear alkyl benzene sulfonate.

Results:

Summary:

| | | | | | | |
|--------------------------|------------------------|-----------------|--------------------|-------------------------------------|----------------------|--|
| Substrates: | | Stainless Steel | | | | |
| Contaminants: | | Latex binder | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| Chemical Technologies | Green Thunder | 5 | 99.98 | <input checked="" type="checkbox"/> | | |
| CRC Industries | Complex Blue | 5 | 96.80 | <input checked="" type="checkbox"/> | | |
| EnviroSan Products Ltd | Solution 2000 | 5 | 94.87 | <input checked="" type="checkbox"/> | | |
| Heatbath Corporation | Alu-Kleen 36 | 5 | 91.51 | <input checked="" type="checkbox"/> | | |
| ITW Fluid Products Group | AccuClean | 5 | 93.82 | <input checked="" type="checkbox"/> | | |
| Oakite Products | Inproclean 2000 | 5 | 81.96 | <input type="checkbox"/> | | |
| Heatbath Corporation | Power Wash Cleaner BCR | 5 | 84.80 | <input type="checkbox"/> | | |

Conclusion: It was observed that the coupons cleaned with the Green Thunder were completely cleaned. We could see the traces of the contaminant on the other coupons.