

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 11/29/2001

Experimenters: Ravi Krishnappa

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Adhesive

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.
 i) 5 minute immersion cleaning with stir bar agitation @ 120 degree F.
 (ii) 30 sec manual rinse with water @120 degree F.
 (iii) air drying for about 24 hours.
 CONTAMINANT INFO: Adhesive -Morstik 717- Rohm and Haas
 CAS Numbers: 108-88-3, 110-54-3, 142-82-5, 67-63-0, 108-05-4

Results:

Summary:

| Substrates: | | Stainless Steel | | | |
|------------------------------|----------------------------------|-----------------|-------------|--------------------------|---------------|
| Contaminants: | | Adhesive | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| EnviroSan Products Ltd | Solution 2000 | 10 | 7.10 | <input type="checkbox"/> | |
| LPS Laboratories | Precision Clean Concentrate | 10 | 14.60 | <input type="checkbox"/> | |
| EcoLink | Heavy Weight Non Butyl Detergent | 10 | 10.20 | <input type="checkbox"/> | |
| Cleaning Systems | Release | 10 | 13.40 | <input type="checkbox"/> | |
| Ardrox Inc | 6333 | 25 | 13.40 | <input type="checkbox"/> | |
| Baum's Castorine Company Inc | EZE Oil-Grease Cleaner | 25 | 18.50 | <input type="checkbox"/> | |

Conclusion: