

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 02/24/2002
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 PartType: Coupon
 Contaminants: Inks
 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 at 120 F with stir-bar agitation.
 Rinsing: 1/2 min. manual with water at 120 F.
 Drying: 1 min. with heat gun at 500 F.
 Contaminant: Ink: ITW Dykem
 CAS#: 64175, 123864, 71363, 9004700, 67630, 8004873.

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Inks				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
United Laboratories International	United 450 All Clear	5	8.88	<input type="checkbox"/>	
ITW Fluid Products Group	AccuClean	5	-5.97	<input type="checkbox"/>	
Oakite Products	Inproclean 2000	5	-9.69	<input type="checkbox"/>	
Carroll Company	Blue Gold Heavy Industrial Cleaner	5	2.74	<input type="checkbox"/>	
Chemical Technologies	Green Thunder	5	-5.10	<input type="checkbox"/>	
EnviroSan Products Ltd	Solution 2000	5	-18.26	<input type="checkbox"/>	

Conclusion: None of the cleaners were effective.