

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001
 DateRun: 12/28/2001
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 PartType: Coupon
 Contaminants: Resins/Rosins
 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 : Gelva Multipurpose Resin Solution
 Cas # : 50862-46-9, 141-78-6, 142-80-5

Results:

Summary:

Substrates:		Aluminum			
Contaminants:		Resins/Rosins			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Alconox Inc	Alcojet	1	3.12	<input type="checkbox"/>	
Buckeye International	Shopmaster FF	5	4.28	<input type="checkbox"/>	
Buckeye International	Shopmaster HP	5	1.61	<input type="checkbox"/>	
Buckeye International	Shopmaster LPH	5	1.77	<input type="checkbox"/>	
Calgon Corporation	SC 431	5	1.46	<input type="checkbox"/>	
Buckeye International	Immersion Cleaner	5	2.92	<input type="checkbox"/>	
Brulin Corporation	Aquavantage 1400	5	2.90	<input type="checkbox"/>	

Conclusion: All cleaners failed to give substantial drying.