

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.