

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 01/23/2002
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 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 with 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, 142-82-5,

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Resins/Rosins				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Simple Green	Simple Green D	5	0.40	<input type="checkbox"/>	
Smart Sonic Corp	440 R SMT Detergent	5	0.36	<input type="checkbox"/>	
US Polychem Corporation	Polyspray Jet 790 C	5	0.59	<input type="checkbox"/>	
Alconox Inc	Det-O-Jet	5	0.86	<input type="checkbox"/>	

Conclusion: None of the cleaners were effective.