

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007
 DateRun: 09/26/2007
 Experimenters: Shweta Bansal
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 PartType: Coupon
 Contaminants: Oil
 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 Soak cleaning at 130 F with stir-bar agitation.
 Rinsing with Tap Water
 Drying: 30 sec Air blow off using hose and outlet on bench
 Contaminant Soybean
 Substrate 2"x 4"x 0.06" Aluminum Coupons

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Oil				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Gemtek Products	SC Supersolve Safety Solvent	5	94.62	<input checked="" type="checkbox"/>	
Valtech Corporation	Valtron SP 2275	5	93.99	<input checked="" type="checkbox"/>	
Magnaflux	Daraclean 235	5	84.08	<input type="checkbox"/>	
21st Century Composites	Envirosolve	5	96.77	<input checked="" type="checkbox"/>	

Conclusion: Oil was left on the coupons for SC Supersolv, Valtron SP 2275 and Daraclean 235 and dripped of while drying them but there was almost no oil on the coupons used for Envirosolve.