

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 10/11/2002
 Experimenters: Heidi Wilcox
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 PartType: Coupon
 Contaminants: Adhesive
 Cleaning Methods: Ultrasonics
 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.
 Degassing: Degassing the solution by keeping solutions in ultrasonic crest for 5 min at 120 F.
 Cleaning: Ultrasonic for 5 min. at 120 F.
 Rinsing: 1/2 min. manual with water at 120 F.
 Drying: 1 min with heat gun @ 500F
 Contaminant: Aroset PS 8078, Ashlan Chemical (Lot# 071901). Very thick adhesive
 CAS#'s 141-78-6 Ethyl Acetate, 142-82-5 Heptane, 67-63-0 Isopropanol

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Adhesive				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
EcoLink	Bulldog	5	17.92	<input type="checkbox"/>	
Innovative Organics Inc	Amberclean Q3	5	10.25	<input type="checkbox"/>	
AG Environmental Products	Soy Clear 1500	100	-24.15	<input type="checkbox"/>	
AG Environmental Products	Canola Gold CE110	100	-21.81	<input type="checkbox"/>	
Phase III Inc	California Parts Washer Solution	5	10.61	<input type="checkbox"/>	
PCI of America	Hurrisafe 9575	5	23.59	<input type="checkbox"/>	

Conclusion: