

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: