CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	01/27/2002
Experimenters:	Heidi Wilcox
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Stainless Steel
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. Degasing: Degasing the solution by keeping solutions in ultrasonic crest for 5 min at 120 F. Cleaning: Ultrasonic for 2 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
Results:	Significant increase in weight of each of the three coupons, due to absorption or deposition possibly

Summary:

Substrates:	Stainless Steel				
Contaminants:	Adhesive				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
AW Chesterton	278 Super Solv	100	-1673.26	☐	
Calgon Corporation	Geo Guard 5210	100	-18.74	☐	
Fine Organic Corporation	FO 2085 M	50	0.97	☐	
Calgon Corporation	Geo Guard 4017	5	-0.45	☐	
Oakite Products	Fisan Versaclean	5	-0.64	☐	
Today & Beyond	Beyond 2002	5	-7.13	☐	
Today & Beyond	Beyond 2006	5	0.33	☐	

Conclusion: No cleaner was found effective and 5 of the 7 sets of coupons showed an increase in weight after cleaning. This could be due to absorption of cleaner solution or water into or onto the adhesive or a chemical reaction between the cleaner solution and adhesive.