CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	02/11/2002
Experimenters:	Purav Dave
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Coupon
Contaminants:	Inks
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: INK- ITW -Dykem-steel blue Cas #: 64175, 123864, 71363, 9004700, 67630, 8004873.
Results:	

Summary:

Substrates:	Aluminum				
Contaminants:	Inks				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Abatement Technologies	Bio Might 100 Cleaner - Degreaser	5	7.24	☐	charred aluminum couupon.
Chem Free Corporation	SW-2 Heavy Grease Formula	5	-23.01	☐	
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	5	-3.38	☐	
Chem Free Corporation	SW-1 Ozzy Juice	5	-4.18	☐	
Drummond America Corporation	Clout	5	-8.73	☐	weight increase might be due to absorption of water
Drummond America Corporation	Keynote	5	3.72	☐	

Conclusion: Biomight 100 charred the aluminum coupons, so Biomight 100 is not compatible with aluminum. On cleaning the coupons with soda blasting media there was observed decrease in weight and the surface characteristics changed. (The surface had lost the shining on the parts where soda was blasted.)