CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 01/06/2003

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Inks

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: manual wipe
Contaminant: Sheetfed Offset Ink Supertech Dense Black (AD2340) Black Paste. No CAS#'s on MSDS

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Inks				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Metabolix Inc	Metabolix E3HB	100	99.50	☑	
Phase III Inc	Biodegradable Paint & Adhesive Remover	100	99.50	☑	
Vertec BioSolvents	Ink Zapper	100	99.58	☑	
Nensco	DT 600 Press Wash	50	92.34	☑	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	99.91	☑	
Prisco Printers Service	PES 320	100	84.60	☐	
PCI of America	Hurrisafe 9575	20	81.98	☐	

Conclusion: