

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 01/07/2003

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:

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

### Conclusion: