

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 12/05/2002

Experimenters: Heidi Wilcox

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 with stir-bar agitation @ 120 F  
Rinsing: 1/2 min, manual, in 120 F water (tap)  
Drying: 1 min with heat gun @ 500F  
Contaminant: Sheetfed Offset Ink Supertech Dense Black (AD-2340) 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>
Buckeye International	XL 100 Cleaner & Degreaser	5	1.48	<input type="checkbox"/>	
Buckeye International	Immersion Cleaner	5	0.87	<input type="checkbox"/>	
Buckeye International	Ambush	5	1.35	<input type="checkbox"/>	
SOQ Environmental Technology	Ecomate FN	5	0.20	<input type="checkbox"/>	
Simple Green	Concentrated Industrial Strength Cleaner and Degreaser	5	7.54	<input type="checkbox"/>	
Magnaflux	Daraclean 236	5	-0.84	<input type="checkbox"/>	
Magnaflux	Daraclean 203	5	4.29	<input type="checkbox"/>	
A 1 Hydro Parke Hill Chemical	SW Wash 10 Aircraft Cleaner	5	0.36	<input type="checkbox"/>	

Conclusion: