

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 09/18/2007

Experimenters: Shweta Bansal

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.
Cleaning: 5 min Ultrasonics cleaning at 130 F with stir-bar agitation.
Rinsing with Tap Water
Drying: 30 s50 Air blow off using hose and outlet on bench
Contaminant
Red Dye
Substrate 2"x 4"x 0.06" Aluminum Coupons

Results:

Summary:

Substrates:		Aluminum			
Contaminants:		Inks			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Gemtek Products	SC Aircraft & Metal Cleaner Super Concentrate	5	99.07	<input checked="" type="checkbox"/>	
International Products Corporation	Micro 90 Conc.	5	96.98	<input checked="" type="checkbox"/>	
Church & Dwight Co Inc.	Armakleen M Aero	5	91.93	<input checked="" type="checkbox"/>	

Conclusion: