

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007
 DateRun: 10/03/2007
 Experimenters: Shweta Bansal
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Fiberglass
 PartType: Coupon
 Contaminants: Paints
 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 Soak cleaning at 130 F with stir-bar agitation.
 Rinsing with Tap Water
 Drying: 30s Air blow off using hose
 Contaminant: Paint
 Substrate: 3"x 4.5"x0.125 - Fiberglass Coupons

Results:

Summary:

Substrates:	Fiberglass				
Contaminants:	Paints				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Gemtek Products	SC Supersolve Safety Solvent	5	23.63	<input type="checkbox"/>	
Transene Company, Inc.	D Greeze 500 LO	5	40.40	<input type="checkbox"/>	
21st Century Composites	Envirosolve	100	-130.49	<input type="checkbox"/>	
Oakite Products	Inproclean 3800	5	32.26	<input type="checkbox"/>	

Conclusion: The four products did not remove a lot of the paint. One product, Envirosolve, increased in weight, possibly signifying that the product was being absorbed into the paint, softening the paint. Increased agitation may help to remove the softened paint.