

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004
 DateRun: 05/24/2004
 Experimenters: Jason Marshall
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Steel
 PartType: Coupon
 Contaminants: Paints
 Cleaning Methods: Manual Wipe
 Analytical Methods: Visual

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning. Fifteen solvent-based products were applied to pre-painted CD mailing containers (AOL demo CDs) and wiped with a handheld swab for about a minute. Visual observations were made to determine if any paint was removed.

Results: 04-EI-PA-15-

Summary:

Substrates:	Steel					
Contaminants:	Paints					
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
3M	HFE 7100	100	0.00	<input type="checkbox"/>	No removal	
3M	HFE 7200	100	0.00	<input type="checkbox"/>	No removal	
AGA Chemical	AK 225	100	0.00	<input type="checkbox"/>	No removal	
DuPont	Vertrel CCA	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
DuPont	Vertrel MCA	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
Micro Care	Flux Remover C	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
Micro Care	Heavy Duty Degreaser C	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
Enviro Tech International Inc	Ensolv	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
Enviro Tech International Inc	Ensolv A	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
Kyzen Corporation	Metalnox M6960	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
Poly Systems USA Inc	Solvon Kreussler PB	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
Poly Systems USA Inc	Solvon Kreussler IP	100	0.00	<input checked="" type="checkbox"/>	Paint removal	
Dow Chemical Company	OS 10	100	0.00	<input type="checkbox"/>	No removal	
Dow Chemical Company	OS 20	100	0.00	<input type="checkbox"/>	No removal	
Dow Chemical Company	OS 30	100	0.00	<input type="checkbox"/>	No removal	

Conclusion: Nine of the fifteen products removed the paint. Products will be tested using vapor degreasing.