

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004

DateRun: 05/25/2004

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:

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

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