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-El-PA-15-

Summary:

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

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