CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	11/08/2002
Experimenters:	Jason Marshall
ClientType:	General
ProjectNumber:	Project #1
Substrates:	Wood
PartType:	Part
Contaminants:	Coatings
Cleaning Methods:	Manual Wipe
Analytical Methods:	Visual
Purpose:	To identify alternative lacquer remover for methylene chloride
Experimental Procedure:	Three cleaners were selected from the lab's database based on past testing. Each product was used at full strength and applied using a paint brush. The sample was divided into thirds. Each coating remover was allowed to remain on the surface for 30 minutes. At the end of the 30 minutes, the surface was visually observed. The coatings were removed using a plastic scraper within 10 minutes. Final surface analysis was performed to determine which products were successful. The wood was received coated with Sherwin Williams Nitrocellulose lacquer from the client.
Results:	All three products caused the coating to crystallize after the initial 30 minutes. The Take Off Green and Citristrip removed the coating with little trouble whereas SI#4 required more effort to clean the coating.

Summary:

Substrates:	Wood				
Contaminants:	Coatings				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Vertec BioSolvents	Take Off Green	100		☑	
WM Barr & Company	Citristrip	100		☑	
Savogran Company	SI #4 Coating Remover	100		☑	

Conclusion: All three products were successful in removing the lacquer finish from the cherry wood sample provided by the client. In addition to the client specific trial, additional reports from similar cleaning testing have been sent.