CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2011
DateRun:	07/21/2011
Experimenters:	Heidi Wilcox
ClientType:	
ProjectNumber:	Project #1
Substrates:	Plastic
PartType:	Coupon
Contaminants:	Resins/Rosins
Cleaning Methods:	Low Pressure Spray
Analytical Methods:	Visual
Purpose:	To evaluate CO2 snow gun equipment for effectiveness in removing resin from plastic pallets or trays
Experimental Procedure:	CO2 was sprayed on the resin drops directly and the resin drops were then scraped off. The CO2 was sprayed at time intervals of 10, 20 and 30 seconds.
Results:	The CO2 sprayed on the drops of resin for 20 seconds worked the best overall and allowed the resin to be scraped off easily.

Summary:

Substrates:	Plastic				
Contaminants:	Resins/Rosins				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Applied Surface Technologies	CO2 Snowflakes, Low Flow	100	0.00	☑	
Fisher Scientific	Absolute Ethanol	0	0.00	☐	

Conclusion: CO2 with a snow gun apparatus cold be a viable cleaning method for the resin on the plastic pallets. Chemical cleaners will be tried next.