

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1995
 DateRun: 07/07/1995
 Experimenters: Jay Jankauskas
 ClientType: Paper Mill
 ProjectNumber: Project #1
 Substrates: Textile
 PartType: Part
 Contaminants: Stickies
 Cleaning Methods: Immersion/Soak
 Analytical Methods: Visual
 Purpose: Test Brulin Compliance and various terpenes

Experimental Procedure: SUBSTRATE MATERIAL: Paper Felt
 CONTAMINANTS: Stickies

This trial will test the new Brulin Compliance cleaning product and various Terpene Technologies' products for Paper Mill. A total of seven different cleaners will be used and compared with a control sample. All cleaners will be diluted to 13% and cleaning will take place for 5 minutes at 130 F in an aggitated beaker. After cleaning, the samples will be rinsed under warm tap water and rubbed slightly. The cleaners and operating conditions used are:

Results: When the felts dried after cleaning, the paper felt samples were visually observed for stickie removal. The T Square HTF 50 and HTF 321 performed excellent with a very noticable removal of the stickies. The other two T Square cleaners did not perform nearly as well. Both Brulin products performed very well also. The 815 GD performed just as well as the T Square HTF 50 and HTF 321. The Compliance also performed very well (there is a spot of heavy stickie buildup on the cleaned felt, but this is because there was an excessive amount of stickies on the felt before cleaning). Once again the Betz 2278 performed probably the worst.

Summary:

Substrates:	Textile				
Contaminants:	Stickies				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Tarksol Inc	Tarksol HTF-50	12		<input checked="" type="checkbox"/>	
Tarksol Inc	Tarksol HTF 321	12		<input checked="" type="checkbox"/>	
Tarksol Inc	Tarksol HTF 60	12		<input checked="" type="checkbox"/>	
Tarksol Inc	Tarksol HTF 10 B	12		<input checked="" type="checkbox"/>	
Brulin Corporation	Compliance	12		<input checked="" type="checkbox"/>	
Brulin Corporation	Formula 815 GD	12		<input checked="" type="checkbox"/>	
BetzDearborne Laboratories Inc	Custom Clean N CC 2278	12		<input type="checkbox"/>	

Conclusion: Although this trial cannot prove which cleaner will work the best for Paper Mill, it shows that the aqueous Brulin Products may perform just as well as the semi-aqueous T Square products and their current Betz cleaner.