CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2005

DateRun: 02/22/2005

Experimenters: Jason Marshall

ClientType: Cleaner Manufacturer

ProjectNumber: Project #1

Substrates: Textile

PartType: Coupon

Contaminants: None

Cleaning Methods:

Analytical Methods: Light Meter, Visual

Purpose: To evaluate and compare client product with industry standard for color fastness.

Experimental Procedure: A section of Interface Flooring Systems, Inc. blue print parquet carpet was marked off into two sections. Each section were three square inches. A SPER Scientific Light Meter 840021 was used to measure Foot Candles from the surface of the carpet. Six reading were taken from each marked off section. Ten milliliters of full strength product were added into each section and allowed to soak into the carpet at room temperature. After 10 minutes a second set of light meter readings were taken. A final set of readings were also taken after a total of 60 minutes. Following the light meter readings, visual analysis was performed by two lab personnel to determine if there was any visible color difference in the carpet.

Results:

	Initial Readings	10 minute reading	60 minute reading	10 min - Initial	60 min - Initial
DFC 105	1.07	1.1	0.99	0.03	-0.08
	1.09	0.96	0.83	-0.13	-0.26
	1.19	1.05	0.94	-0.14	-0.25
	1.14	1.13	1.05	-0.01	-0.09
	1.2	1.11	1.01	-0.09	-0.19
	1.25	1.19	0.93	-0.06	-0.32
			Average Difference	-0.07	-0.20
Liquid 90	1.02	1.1	1.19	0.08	0.17
	0.99	1.2	1.29	0.21	0.3
	1.06	1.27	1.38	0.21	0.32
	1.11	1.2	1.25	0.09	0.14
	1.06	1.26	1.24	0.2	0.18
	1.1	1.18	1.23	0.08	0.13
			Average Difference	0.15	0.21

Summary:

Substrates:	Textile				
Contaminants:	None				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Cogent Environmental Solutions	DFC 105	100	0.00	☑	
Chemspec	Liquid Formula 90	0.156	0.00	☐	

Conclusion: At full strength and room temperature, the DFC 105 did not affect the color of the blue carpet where as the industry standard product caused the carpet to lose some of its color.