CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 01/02/2007

Experimenters: Jason Marshall

ClientType: Lab

ProjectNumber: Project #1

Substrates: Rubber, Textile

PartType: Coupon

Contaminants: Odor

Cleaning Methods: Low Pressure Spray

Analytical Methods: Smell

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.

A carpet with rubber backing was presoiled with cat urine. The carpet was washed three times using Renuzit Odor Eliminator powder soap and twice using Tide with Frebreeze. Each cleaning took place in a standard washing machine. The carpet was dried once in a standard clothes dryer. Following the cleaning, an initial odor level was evaluated and recorded. Each selected odor eliminator spray product was applied to a section of the fabric section and then the rubber backing and allowed to sit for 30 minutes. Observations were made. Application of the odor eliminator products was reapplied if the odor remained. The number of applications was also recorded.

Results:

Product	Observations
Super H2O2	Required multiple applications to reduce the odor
	Minor level of odor remaining after 5 applications
Odor Ex	Required multiple applications to reduce the odor
	Minimal level of odor remaining after 5 applications
Quick Spot Release	Required multiple applications to reduce the odor
	Still had noticeable odor after 5 applications

Summary:

Substrates:	Rubber, Textile				
Contaminants:	Odor				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Cleanline Products	H2O2 Super Citrus Concentrate	2.5	0.00	☑	
Gemtek Products	SC Odor Ex	100	0.00	☑	
EnvirOx LLC	Quick Spot Crystal	100	0.00	☐	

Conclusion: Two of the three odor eliminators (Super H2O2 and Odor Ex) had moderate success after multiple applications to the carpet and rubber surfaces. The Odor Ex was the most effective.