CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2009

DateRun: 04/13/2009

Experimenters: Junhee Cho

ClientType: Lab

ProjectNumber: Project #1

Substrates: Ceramics

PartType: Part

Contaminants: Adhesive

Cleaning Methods: Manual Wipe

Analytical Methods: Visual

Purpose: DIY test to remove the price sticker

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

Cleaning recipes were applied to wiping device (paper towel, cloth towel, sponge) and then wiped on the ceramic tableware to remove the price stickers. Cleaning was evaluated based on visual observations.

Results:

Cleaner	Time (min)	Observations	Outcome
Water cold	3	Rub with paper towel	Not good
Water warm	2.5	Rub with paper towel	Not good
Water warm	1.6	Rug with sponge	Good
Peanut butter	6	Rub with paper towel	Not good
Peanut butter	>6	Rub with cloth	Not good
DIY Formula 7	1.25	Rub with paper towel	Good
DIY Formula 7	1.5	Rub with paper towel	Good
DIY Formula 11	2.33	Rub with paper towel	Okay
Fantasticao AP	1.83	Rub with paper towel	Okay
Hand Soap	4.78	Rub with paper towel	Not good
Finger	4.17	Scratch with fingernail	Okay

Summary:

Substrates:	Ceramics				
Contaminants:	Adhesive				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
No Specific Vendor	Home Formulation 7	100	0.00	☑	
Water	Water	100	0.00	☐	
Water	Water	100	0.00	☑	with sponge
No Specific Vendor	Home Formulation 11	100	0.00	☑	
No Specific Vendor	Home Formulation 17	100	0.00	☐	
Brazilian Womens Group	Fantastico Multi-Uso	100	0.00	☐	
Delta Brand Inc	Lucky Super Soft Hand Soap	100	0.00	☐	

Conclusion: Two of the DIY formulations, 7 and 11, were effective at removing the adhesive sticker along with warm water when used with a sponge. Two products, DIY formulation 17 and Fantastico, had some success. Peanut butter was not effective along with hand soap and cold water.