CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2007
DateRun:	08/19/2007
Experimenters:	Jason Marshall, Shweta Bansal, Andrea Cheeseman
ClientType:	General
ProjectNumber:	Project #2
Substrates:	Plastic
PartType:	Coupon
Contaminants:	Waxes
Cleaning Methods:	Mechanical Agitation
Analytical Methods:	Visual
Purpose:	To evaluate floor strippers at higher concentration levels.
Experimental Procedure:	The products from the previous trials were retested at 100% dilution and 5 minutes of stripping. Full vinyl tile coupons (12"x12") were coated with the Johnson Wax Show Place floor coating using a paint brush. The coating was allowed to dry for an hour. After completely dry, additional coats were applied. A total of four coats were used. Initially, each solution was applied to one tile and allowed to soak for 5 minutes. At the end of the soaking, the tile was stripped manually using sections of the scrubbing pad. During scrubbing, hot water was added to the tile and stripping solvent, simulating the procedure witnessed during an on-site visit to the client's facility. Observations were recorded on the effectiveness of the strippers. In addition, three lab personnel independently ranked the strippers for performance. An average of the three assessments were made.

Results:

Manufacturer	Product	Ranking			
		1= Most Efficient; 19= Least Efficient			
	Employee	1	2	3	Overall Ave
Abatement Technologies	Citrus Pure Remover	17	12	14	14.3
Bio-Kleen	Super Stripper D1:3	7	4	7	6
Bio-Kleen	Super Stripper D1:5	7	4	7	6
Bi-O-Kleen	SL-100	12	11	13	12
The Clean Environment	Cycle-Strip	14	16	17	15.7
Ecolink	Safe-Strip	3	5	4	4
EnvirOx, LLC	Grout-Safe	18	17	18	17.7
Finger Lakes Chemicals	Graffiti Remover	4	6	5	5
Finger Lakes Chemicals	Resineater	6	13	6	8.3
Franmar	Soy-Gel	1	1	1	1
Franmar	Soy-Strip	2	2	2	2
Gemtek	SC Maxi Solve	8	8	8	8
Green Products, LLC	Amaizeing	9	18	16	14.3
Inland Technologies	Citra-Safe	16	15	12	14.3
Inland Technologies	EP 921	10	10	9	9.7
Soysolv Ind Products	SoySolv	15	3	15	11
Spartan	Graffiti Remover SAC RTU	11	9	11	10.3
Spartan		5	7	3	5

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	Green Solutions				
Vertec	Ink Zapper	13	14	10	12.3

Summary:

Substrates:	Plastic
Contaminants:	Waxes

Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Abatement Technologies	Citrus Pure AS850	100	0.00	☐	Rank = 14.3
Bi-O-Kleen Industries	Super Stripper - Floor Wax Remover	100	0.00	☑	Rank = 6
Bi-O-Kleen Industries	Super Stripper - Floor Wax Remover	100	0.00	☑	Rank = 6
Bi-O-Kleen Industries	Soy Lube- SL 100	100	0.00	☐	Rank = 12
The Clean Environment Co	C-8 Cycle Strip	100	0.00	☐	Rank = 15.7
EcoLink	Safe Strip	100	0.00	☑	Rank = 4
EnvirOx LLC	Grout Safe	100	0.00	☐	Rank = 17.7
Twin Rivers Technologies	Graffiti Remover	100	0.00	☑	Rank = 5
Finger Lakes Chemical	FLSC-12 Resineater Sample	100	0.00	☑	Rank = 8.3
Franmar Chemical	Soy Gel Paint Stripper	100	0.00	☑	Rank = 1
Franmar Chemical	Soy Strip Paint Stripper	100	0.00	☑	Rank = 2
Gemtek Products	Safe Care (SC) Maxi Solv	100	0.00	☑	Rank = 8
Green Products	aMAIZEing biobased solvent and stripper	100	0.00	☐	Rank = 14.3
Inland Technologies Inc	Citrasafe	100	0.00	☐	Rank = 14.3
Inland Technologies Inc	EP 921	100	0.00	☑	Rank = 9.7
Soysolv Industrial Products	Soysolv industrial solvent	100	0.00	☐	Rank = 11
Spartan Chemical Company	Graffiti Remover SAC	100	0.00	☑	Rank = 10.3
Spartan Chemical Company	Green Solutions Floor Stripper	100	0.00	☑	Rank = 5
Vertec BioSolvents	Ink Zapper	100	0.00	☐	Rank = 12.3

Conclusion: These same products will be evaluated at full strength for 10 minutes of contact time.