CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2009

DateRun: 06/04/2009

Experimenters: Jason Marshall, Junhee Cho

ClientType: Cleaner Manufacturer

ProjectNumber: Project #1

Substrates: Liquid

PartType: Coupon

Contaminants: Odor

Cleaning Methods:

Analytical Methods: Smell

Purpose: To evaluate supplied aerosol base-board strippers for odor

Experimental Procedure: Three lab personnel ranked the products from least to worst odor. Products were sprayed 2-3 seconds into a clean beaker for each observer to evaluate. Odor was ranked on the level of odor and what type of odor. The overall ranking of the product was based on the average of the three rankings. The levels and odor types are listed below.

Odor Levels
high
medium/high
medium
medium/low
low/medium
low
low/none
none

Odor Types
Sweet
Flowery
Citrus
Pine
Ammonia
Ester
Ether
Medicine

Results: Only one product was ranked at the same level for all three experimenters. The Claire Baseboard product received the lowest ranking due to its strong ammonia like odor. Both the Amrep products had the lowest odor of the five baseboard stripping products.

Cleaner	Strength	Type	Rank	Average Rank
A00808	Mild to weak	No distinct type	2	1.3
	Weak	No scent	1	
	Barely noticeable	No scent	1	
A00806	Mild	Lemon	1	1.7
	Mild	Fruit	2	
	Mild	Orange	1	
Trouble Shooter	Mild	Alcohol	3	3.7
	Mild	Alcohol	4	
	Mild	Alcohol	4	
Shineline Stripper	Mild-strong	Alcohol	3	3.3
	Mild	Alcohol	3	
	Mild/ moderate	Alcohol-citrus	3	
Baseboard Cleaner	Strong	Ammonia	5	5

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	Very Strong	Ammonia	5	
	Strong	Ammonia	5	

Summary:

Substrates:	Liquid
Contaminants:	Odor

Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Amrep Inc	Aspire Baseboard Stripper A00808 Aerosol	100	0.00	☑	Rank = 1
Amrep Inc	Misty X-Wax Stripper Aerosol	100	0.00	☑	Rank = 2
3M	Trouble Shooter Aerosol	100	0.00	☐	Rank = 4
Spartan Chemical Company	Shineline Baseboard Stripper - Aerosol	100	0.00	☑	Rank = 3
Claire Manufacturing	Baseboard Cleaner & Wax Stripper Aerosol	100	0.00	☐	Rank = 5

Conclusion: The Amrep Aspire had the lowest (best) ranking.