

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2009
 DateRun: 06/05/2009
 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		<input checked="" type="checkbox"/>	Rank = 1
Amrep Inc	Misty X-Wax Stripper Aerosol	100		<input checked="" type="checkbox"/>	Rank = 2
3M	Trouble Shooter Aerosol	100		<input type="checkbox"/>	Rank = 4
Spartan Chemical Company	Shineline Baseboard Stripper - Aerosol	100		<input checked="" type="checkbox"/>	Rank = 3
Claire Manufacturing	Baseboard Cleaner & Wax Stripper Aerosol	100		<input type="checkbox"/>	Rank = 5

Conclusion:

The Amrep Aspire had the lowest (best) ranking.