PLAINTIFF'S EXHIBIT
MRC-1498

TABLE 6

Survey of Used Dryers

Models Inspected Containing Asbestos Liners	Models Inspected Where No Asbestos Liner Was Found
Davar	Conair Model 061
Hamilton Beach Groomer II	Conair Model 065
Norelco 1000-watt Model 1700	Conair Pro Style 1200
Penney's Professional Type 1000	Conair Vagabond
Sears Men's 1000	Conair- The Wiz
Vornado	Continental
	G & W
	Gillette Max
	Gillette Max HD 7-9
	Gillette Supermax
	Gillette Supermax II
	Grants 750
	Hamilton Beach Styler 572
	Handy Hannah
	Korvette Pro 1000
	Morphy Richards
	Norelco Gotcha Gun
	Pacesetter Professional 1050
	President
	Pro Dri 1200
	Professional 1000
	Remington HW-2A
	Remington Fluff N' Dry
	Schick Styling Dryer (3D)
	Sears Tri Power Styling Dryer
	Style Master Turbo Courier
	Sunbeam Power Plus
	Sunbeam Jet Mist

color, it was taken for asbestos analysis by EMV Associates. The results of this survey are shown in Table 6. Of 34 different models inspected, 6 (or 18 percent) were found to contain asbestos liners.

A similar survey and inspection of new dryers currently on sale was also conducted, but in this case selected new dryers were purchased from local retail stores. The results of this survey are reported in Table 7. Of 77 models inspected, 19 (or 25%) were found to contain asbestos liners.

Applying the 25% of new dryers found to contain asbestos liners to the estimated 12.4 million dryers sold in 1978 reveals that approximately 3.1 million dryers sold in 1978 contained asbestos.

TABLE 7

Survey of New Dryers Currently Available for Sale

Models Inspected Containing Asbestos Liners	Models Inspected Where No Asbestos Liner Was Found
Conair Pro Style 1200	American Electric American 1350
Dandy	American Electrid Fantastik 1200
GE Power Turbo 1200	Braun Travelaire 1200
GE Super Pro 1400	Clairol Dry Gun 1000
GE Super Turbo 1400	Clairol Hot Stuff 1000
Hamilton Beach Pro Gun 1200	Clairol One for the Road 1250
J.C. Penney Blow Dryer 1200	Clairol Pretty Power
J.C. Penney Pro 1400	Clairol Son of a Gun
J.C. Penney Rotary Styler/Dryer 1000	Conair Pistol Power
Sanyei Might 1000	Conair Pro 1000
Sears Men's 1000 Blow Dryer	Conair Pro Baby 1200
Sears Women's 1000 Blow Dryer	Conair-The Wiz 1000
Sears Women's 1000 Styler Dryer	GE Compact 1200 Go Dryer
Sunbeam Professionaire 1000	GE Power Pro
Wards 1050 Pro Gun	GE Zoom 1000
Wards 1250 Pro Gun	Gillette Max 1000
Wards Variable Power 1400 Compact Gun	Gillette Max for Men
	Gillette Pro Max Compact 1000
	Gillette Pro Max Compact 1200
	Gillette Supermax 650
	Gillette Supermax II 800
	Gillette Supermax II Adjustable 200-900
	Gillette Supermax Swivel
	Supermax Curly Top 1200
	Hartman Pro 1500
	Hartman Style Setter 1000
	Norelco Gotcha Gun 1200
	Northern Pocket Pistol 1200
	Northern Fan Jet 1200
	Remington Fluff & Dry 1000
	Sears Men's
	Compact Blow Dryer 1200
	Compact Styler Dryer 1200
	Fold N' Go
	Super Combo
	Variable 1200
	Variable Styler Dryer 1200
	800 Styler Dryer
	1100 Styler Drier
	Sears Women's
	Compact Styler Dryer 1200
	Fold N' Go 1200
	Super Combo
	Super Combo II
	Super Combo III 1200
	Variable 1200
	Variable Styler Dryer w/ constant temp 1200

TABLE 7 (continued)

Models Inspected Containing Asbestos Liners	Models Inspected Where No Asbestos Liner Was Found
	Shetland Pony Pro 1200
	Schick APS 1000
	Schick Drying Stick 1200
	Schick Projet 1200
	Schick Styling Stick 900
	Lady Schick 1000
	Lady Schick Styling Stick 1200
	Lady Schick Speed Stick
	Sunbeam Odyssey 1200
	Sunbeam Swing Air 1000
	Wards Compact Gun 1250
	Wards Ultrabrush II 1100 Styling Brush
	Wards Variable 1000 Styling Brush

The validity of such a calculation is clearly dependent on how representative the market survey conducted was. Since this information is unavailable, the estimate of 3.1 million dryers must be viewed with caution.

Similarly, applying the 18 percent figure (the percentage of used hair dryers containing asbestos liners) to the nearly 43 million dryers sold between 1974 and 1977, reveals that about 8 million of these dryers contain asbestos. Adding the 3.1 million dryers sold in 1978 to the 8 million dryers previously sold and believed to be in still in use indicates that about 11 million dryers currently in use contain asbestos.

While the data base on which to judge the true magnitude of this problem is limited, there can be no doubt that millions of American homes contain hazardous asbestos-lined hairdryers. As

TABLE 1

Asbestos Discharged from Hand Held Hairdryers in Two-Hour Test

Hairdryer	Condition	Rate Flow, m^3/min	Analysis*	Fiber Bundles at 1500X	Fiber Bundles Introduced into Environment			Mass** Introduced into Environment, ng.		
					1 min.	15 min.	2 hrs.	1 min.	15 min.	2 hrs.
Sears 1000	New***	0.6	A	3	87	1,301	10,410	45	677	5,413
			B	2	58	870	6,940	30	450	3,608
Penney's 1400	New***	0.9	A	1	30	434	3,470	15	226	1,804
			B	3	87	1,301	10,410	45	677	5,413
Dandy Mini	New	0.1	A	1	30	434	3,470	15	226	1,804
			B	1	30	434	3,470	15	226	1,804
Norelco 1000	Used	0.75	A	30	868	13,010	104,100	450	6,776	54,132
			B	25	720	10,798	86,403	374	5,624	44,930
Penney's 1000	Used	0.6	A	19	570	8,550	68,400	285	4,275	34,200
			B	26	780	11,284	90,220	390	5,876	46,904
Sears 1000	Used	0.6	A	2	58	870	6,940	30	450	3,608
			B	2	58	870	6,940	30	450	3,608

*Separate analyses (A & B) of different portions of filter.

**Mass derived by assuming a 2 x 2 x 30 micron average-sized fiber bundle. Each bundle was calculated to have a mass of 0.52 ng.

***The new dryer models tested were chosen because of their similarity to the old models tested.

TABLE 2

Rates of Asbestos Release From Tested Hair Dryers

Hairdryer	Condition	Rate of Flow of Air m^3/min*	Mass Introduced into the Environment in 1 minute**	Rate of Asbestos Release ng/m^3
Sears 1000	New***	0.6	38	63
Penneys 1400	New ***	0.9	30	33
Dandy Mini	New	0.1	15	150
Norelco 1000	Used	0.75	412	550
Penneys 1000	Used	0.6	343	570
Sears 1000	Used	0.6	30	50

* Taken from Table 1.

** The values used here are the average value determined from tests A & B reported in Table 1.

*** The new dryer models tested were chosen because of their similarity to the old models tested.