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UNITED STATES GOVERNMENT

Memorandum

U.S. CONSUMER PRODUCT SAFETY COMMISSION

TO : Catherine C. Cook, Director CEPD

DATE: October 18, 1979

Through: Warren J. Prunella, Director, HICP WJP

FROM : Terry Karels, Economic Analysis TK

SUBJECT: Market Information - Commercial Hair Dryers

Background

The following market information has been developed to provide background economic data relating to Special Orders regarding the modification of commercial hair dryers containing asbestos.

Description

Commercial hair dryers are produced specifically for commercial establishments rather than for household use. These articles are described as upright, free-standing (or fixed to chairs), and may employ a "hood" to channel the hot air stream. Such items are designed to become a permanent fixture in hair styling salons and, to a lesser extent, in barber shops.

The following discussion excludes hand-held hair dryers. These items are not easily distinguished from models commonly used in the home, may not be specifically designed for commercial use, and may be offered for sale to the general public.

Production

Data on commercial hair dryers are not separately reported in official Government publications. However, the National Beauty and Barber Manufacturers Association (NBBMA) reported total sales of upright commercial hair dryers in 1978 of $7 million. About 40,000 such dryers were sold in 1978, at an average price of $175; this was represented as only a modest increase over estimated 1977 levels. Based on NBBMA figures, there are some 240-320 thousand upright commercial hair dryers currently in use, assuming a 6 to 8 year expected life.

Conair Corporation, Edison, New Jersey, is reported to be the largest domestic producer of upright commercial hair dryers. A number of other firms also produce these articles, but their individual market shares appear to be small; many such firms may operate nationwide on a limited scale, or may concentrate on specific regional or metropolitan markets.

Data on U.S. imports of commercial hair dryers are not available; however, the amount of such imports is believed to be small according to a spokesman from the U.S. International Trade Commission.

Distribution

Supplies and equipment for use in commercial hair salons and barber shops reach their consumers through a network of distributor-wholesalers; these wholesalers are not brand-aligned, and may sell a variety of products from several manufacturers' lines. Individual product choices are frequently made by wholesalers at industry-sponsored trade shows. These distributor-wholesalers rarely receive exclusive territorial rights or restrictions from the manufacturers.

Based on NBBMA figures, there are approximately 8,000 beauty and barber supply wholesaler salespeople in the U.S. One commercial hair dryer manufacturer put the number of nationwide wholesalers at 1,800. The number of wholesalers which engage in the sale of "hardgoods", such as upright commercial hair dryers, is expected to approximate the latter figure.

Consumers

Upright commercial hair dryers are usually purchased from the wholesaler by the individual shop; these items do not enter the retail market. The shop owner has control over this equipment, intended for use by the stylists. However, small numbers of these hair dryers may find their way into private households due to shop closings and the consequent liquidation of shop assets.

From 1972 to 1978, the number of consuming establishments decreased by 5 percent (see enclosed table). However, over this period a trend toward larger, multi-operator shops has developed, an assumption somewhat supported by the rapid increase in employees and gross receipts. Further, the establishments are concentrating in metropolitan areas in an attempt to increase the number of clientele. As salon staffs increase, a greater number of dryers per establishment becomes necessary. Although hand-held dryers may account for the bulk of salon usage, upright models are also required for permanent wave styling and other special styles and allow for increased productivity, since stylists are able to accomodate other customers during the drying process. Therefore, the demand for these items appears to have remained strong.

The current number of principal users (stylists) of upright commercial hair dryers could approach 886,000. Less frequent exposure to this product would be encountered by each customer in salons where such hair dryers are used.

Consumers of Commercial Hair Dryers

	1972	1978 [3]
Establishments:		
Beauty Shops, 000's	189.1	173.0
Barber Shops, 000's	91.8	93.0
Total . . . . 000's	280.9	266.0
Employees:		
Beauty Shops, 000's	377.4 [1]	658.0
Barber Shops, 000's	104.9 [2]	228.0
Total . . . . 000's	482.3	886.0
Receipts:		
Beauty Shops, Million $	3,025.1	9,870.0
Barber Shops, Million $	884.9	2,700.0
Total . . . . Million $	3,910.0	12,570.0

[1] Includes 98,058 establishments assumed to be sole proprietorships.

[2] Includes 66,703 establishments assumed to be sole proprietorships.

[3] Estimated by trade sources. Figures for employment and receipts may be subject to double-counting.

Source: Compiled from official statistics of the U.S. Department of Commerce, except as noted.

Sources Contacted:

Mr. Jerome Bonat, Pres., Bonat, Inc.

Mr. Ken Breck, International Barber Schools Assn.

Mr. Pat Maio, Barber Supply Dealers of America

Mr. Anderson, National Beauty and Barber Manufacturers Assn.

Mr. Don Terry, Commodity - Industry Analyst, U.S. International Trade Commission

Mr. Sheldon Zieman, Office of Industries, U.S. Census Bureau

Mr. Jerry Feur, Office of Data Processing, U.S. Census Bureau

Census of Selected Service Industries 1972, U.S. Department of Commerce.

Ms. Sheila Ward, Research Director, Merchandising

Ms. Renee L. Gallop, Consumer Goods and Services Division, U.S. Department of Commerce.

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTO
Tab Merchandise Corp. 1111 North Broadway St. Louis, Missouri 63102 (314) 231-6444		Tab's hair dryer, 116B, contains neither asbestos nor mica.	116B
Takara Co. 1 Belmont Dr. Somerset, NJ 08873	UNKNOWN	Awaiting word from its supplier as to whether or not its Crystal Aire II contains asbestos.	UNKNOWN
Wakefern Food Corp. 600 York St. Elizabeth, N.J. 07207	Pro 1200, Model E 2032 Last imported in August 1977. Asbestos in nozzle lining.	All co-op member stores will refund the dryer's full purchase price or replace the dryer with a new Pro 1200, Model E 2032, which is asbestos free.	All other models before or since August 1977.
Waring Products Division Dynamics Corp. of America Route 44 New Hartford, Conn. 06057	Waring WD-39, Mod. 31-002 free standing salon-type Last date of manufacture: December 1972 asbestos coated wire partially exposed to air flow.	Former manufacturer of Electric Hair Dryers.	All others
Welco Manufacturing & Trading 355 West 52nd St. New York, New York 10019		We do not know or have we ever had asbestos used in the construction of any of our hairdryers since the inception of our business in July of 1975.	Beauty Mag Models R-89 R-105
West Coast Beauty Supply Co., Inc. 869 Folsom St. San Francisco, CA 94107		Firm is a private labeler of the professional salon-type hairdryer. Firm states that its dryers do not contain asbestos.	Probably all.

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Western Auto Supply Co. 2107 Grand Avenue Kansas City, Mo. 64108	"Wizard" stock No. J2577 ::asbestos used where it was exposed to the air flow.	See: Brother International	
Westinghouse Elec. Corp. Gateway Center Pittsburgh, PA 15222	Bonnet-type; vanity type Model — Manufactured HZ-10-3 — 69-70 HZ-12-2 — 70 HZ-95-2 — 69 Bonnet-type; special design where motor and heater rode on bonnet and shoulder; called Bonnet-Rider type Model — Manufactured PHD-10-1 — 69-70 PHB-20-1 — 69-70 LHD-15-1 — 69-70 Salon type; hard hat type Model — Manufactured PHD-74-1 — 70 PHD-84-1 — 70 PHD-94-1 — 70	Has been out of the hair dryer business since 1972, when it was sold to Hamilton Beach (Scovill)	Bonnet-type-Hat box type manufactured in 1969 HZ-02 HZ-04
Whites Home and Auto White Stores, Inc. 3910 Call Field Rd. Wichita Falls, Texas 76308		White Stores, Inc. does not manufacture, import or private label any hair dryers. As a distributor, we do sell hair dryers bearing the manufacturer's brand name. We are following the instructions which we have received from such manufacturers in regard to disposition of any hair dryers.	

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Windsor Industries Inc. 10 Hub Drive Melville, N.Y. 11746 (516) 694-1400	Model C. 1050 Watt (Windsor Pro 1050) Model W069 Hot Comb imported prior to 1979	Windsor is replacing the C 1050 Watt dryer with a new 1200 Watt asbestos-free unit. The new dryer can be obtained by mailing in the older unit to the company at 10 Hub Drive, Melville, N.Y. 11746 Windsor has not agreed to reimburse consumers for the cost of mailing in their dryers.	All other models
F. W. Woolworth Co. Woolworth Building 233 Broadway New York, N.Y. 10007 (212) 227-1000	Pro 1200, Model E-2032 with a stand These models imported AFTER 1976 are free of asbestos :asbestos in nozzle	Consumers who return the company's hair dryer containing asbestos to a Woolworth/Woolco retail store have the following options: (a) obtain a full refund of the dryer's purchase price or (b) obtain FREE-OF-CHARGE a comparable hair dryer which does not contain asbestos	
Zayre Corporation Framingham, Mass. 01701 (800) 225-2242 (800) 982-2266 Mass. only)	Zayre 1200 Watt Folding Model JK 115 Zayre 1200 Watt Compact Dryer Model JK 114 Zayre Pro 1200 Dryer Models IIA 22DC and E 2032* Asbestos in nozzle lining *Zayre Pro 1200 Dryer, Model E 2032 may or may not have asbestos. If there is a white, paper-like substance in the nozzle,	Zayre is posting signs in all stores advising consumer which dryers contain asbestos and asking consumers to return such dryers, which, at the consumer's option: Zayre will replace with an identical dryer from current inventory which has no asbestos; or, Zayre will ussue a full merchandise credit equal to the retail price in exchange for the returned dryer.	Model E2070, 1000 Watt Variable Styler/Dryer Model E2060, 800 Watt Styler/Dryer Model IIA-6512, 1200 Watt Styler/Dryer Model E2080, 1250 Watt Turbo Model JK 133S, 1200 Watt Mini Dryer

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Zayre Corporation (continued)	the dryer contains an asbestos liner. This model also has a silver label, attached to the dryer, which reads: "Zayre Corp."	Zayre stopped importing hair dryers containing asbestos in November 1978 and halted their sale in mid-April 1979.	
Zotos International, Inc. 100 Tokeneke Rd. P.O. Box 1005 Darien, Conn. 06820		Zotos is not a manufacturer, importer or private labeler of electric hair dryers. Zotos sells Salon type hair dryers (also known as hood-type dryers under the trademark and brand name ZOTOS SORRENTO II. Zotos is advised by its supplier that none of its dryers contain asbestos.	Probably all

ATTACHED IS AN INTERIM LIST OF CURRENTLY KNOWN MANUFACTURERS OF HAIR DRYERS FOR CONSUMER USE IN SALONS/BARBER SHOPS

1. The Andis Company
2. Belvedere Products
3. Beauty Equipment Manufacturing Corp. (See Bonat)
4. Bonat Incorporated
5. Central Beauty Equipment, Inc.
6. Clairol
7. Dynex International Ltd.
8. Helene Curtis Industries Inc.
9. Jeffco Company, Inc.
10. Merit Enterprises
11. Charles Parker Co.
12. Realistic (See Revlon)
13. Revlon
14. Roffler Industries, Inc.
15. Rolf Brauchli Inc.
16. Veeco Beauty Equipment Mfg. Co.
17. Wahl Clipper Corporation

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
The Andis Company 1718 Layard Avenue Racine, Wisconsin 53404 (414) 634-3356 (800) 558-9441 Previously known as The Andis Clipper Co. Names associated with Andis Clipper Electro Tool Andis Products	Electro Dryer Model ED :asbestos material was used as a liner in dryer nozzle. : discontinued 1976 Electro Dryer II, Model ED2 :asbestos material used in dryer nozzle. : discontinued 1977 Ultra 1200 model U-12 :asbestos material in nozzle. :discontinued 1978 Elite 1500, Model 480-EL :asbestos material used in nozzle. :in current model the asbestos material has been replaced with a ceramic type liner. Andis Elite 1250,Model E-12 :asbestos material was used in dryer nozzle. :use of asbestos has been discontinued.		Ultra 1400, Model U-14

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Belvedere Products Inc. 725 W. Columbia Ave. Belvidere, Il 61008 (815) 544-3131	All free standing fixed models mounted behind a chair. Chrona/S.S. Model 780-asbestos insulation wire terminal leads and asbestos tie down twine. First Lady Model 710-asbestos tie down twine Superba Model 770-asbestos tie down twine According to Belvedere, the terminal wire leads are routed out of the chamber leaving approx. 2" of wire in the chamber. The tie down twine is uded for positioning the heater element wire.		

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Bonat Incorporated Beauty Equipment Manufacturing Corp. 250 Lackawanna Ave. West Patterson, N.J. 07424 (201) 256-3400	Rocket Blower Models B-10 B-11 B-14 All free standing	Bonat is removing the asbestos heat shields in Models B-10, B-11 and B-14 Rocket Blowers and replacing it with one made of mica at designated repair centers in selected urban areas nationwide. The replacement program will begin in mid-October. Owners should write the firm to receive details of the retrofit program.	Model 21 Jet Blower Model II Rocket Blower

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Central Beauty Equipment Inc. 1556 N. Kostner Avenue Chicago, Ill 60651 (312) 292-2324	DELITE MARK IV 1744 ULTRA SHEEN 1745 Both models had one inch of asbestos coated wire. Both of these models are salon-type dryers and currently being produced, HOWEVER, all models now have TEFLON coated wire.		

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Clairol 345 Park Avenue New York, NY 10022 Product Division Salon Group	Super Zap Style No. SZ-1	Clairol is replacing, free of charge, the asbestos heat shield in any Super Zap Salon dryer brought to one of the company's service centers. The location of the nearest service center can be obtained by calling toll free 800-447-4700; in Illinois, 800-322-4400.	

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Dynex International Ltd 25 West 43rd Street New York, N.Y. 10036 (212) 354-9244 354-0576	M 20S M 20E ::Both Salon Type Dryers asbestos in Hood. M 7 M 7S ::Hand Held Dryers asbestos encapsulated in silver coating in cone near nozzle. M 2 ::Hand Held Dryer asbestos encapsulated in silver coating in cone near nozzle.		

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Helene Curtis Industries Inc. 4401 W. North Avenue Chicago, IL 60639 (312) 292-2121	Model — Last Product MONACO 1732 ULTRA-SHEEN 1745 QUICK-TEMP 1737 — May 79 STYLE CENTER 1713 — Dec. 72 SAINT-MORITZ M-201 — Oct. 74 HER HIGHNESS 1701 — Sept. 72 HER HIGHNESS 1701-1 — Sept. 69 HER HIGHNESS 1707 — Dec. 69 MEDALLION 1710 — May 75 EMPRESS 1199 — 1959 :: Only asbestos in one inch of coated asbestos wire ALL NEW AND CURRENT PRODUCTION have teflon coated wires :: ALL OF THE ABOVE ARE HOODED FLOOR STAND MODELS	Helene Curtis is of the opinion these are not consumer products within the meaning of Section 3(a) and is, therefore, under no obligation to respond as to these products. The company, however, did respond.	

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTO
Jeffco Company, Inc. Route 1, Box 3 Advance, N.C. 27006	Jeffco Calm D-1000 Hand Dryer asbestos in nozzle lining		

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Merit Enterprises 140 Thomas Place Newark, New Jersey (201) 242-8200	Salon (Hood) style dryers: Models: HD-20 HD-21 HD-22 Merit discontinued manufacturing the above models in 71 or 72. Asbestos was used as a heat shield and was placed under the heating element.		All others

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Charles Parker Co. 290 Pratt St. Meridan, CT 06450	Unknown	Does not manufacture portable hand-held hair dryers. Sells commercial hair dryers.	Unknown

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBEST
Revlon - Realistic Professional Products Division 3274 Beekman St. Cincinnati, OH 45223 Revlon 767 Fifth Ave. New York, NY 10022 (212) 572-5000	Siesta I, II & III model dryers According to the company these three models have asbestos insulated electrical wires. The wires have a felted asbestos layer, covered by a fiberglass overbraid impregnated with silicone resin and, therefore, the asbestos was not exposed to the air stream. These models were manufactured until late 1971. Ultra Comfort model, which was produced until mid-1979, contained an asbestos string which was exposed to the air flow. The model also used asbestos insulated wires like those used in the Siesta models until late 1971.	Revlon informs the Commission that all models are professional use only and that there is no asbestos in current production. In older models, asbestos on electrical wires, not on areas connected with air stream.	All others

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Rolf Brauchli Inc. RBI Importers & Distributors 8044 Lawndale Skokie, IL 60076 (312) 675-0087	SOLANOTRONIC 131 1200 Watt SOLANO 130 1200 Watt :: Have not contained asbestos since April 1979 :: Asbestos liner is inside front tube of the dryer housing around the heating element	A Commission staff survey indicates that some Solanotronic and Solano models containing asbestos have been taken back by distributors for retrofitting with mica.	Trade Name / Model / Descrip SOLIS 106 750 Wat SOLIS 110 750 Wat SOLIS 210 550 Wat SOLIS 102 5 Wat Temofor 122 450 Wat SOLIS 306 800 Wat SOLIS 310 600 Wat SOLIS 371 450 Wat SOLIS 309 1200 Wat SOLIS 311 1200 Wat SOLIS 310 1000 Wat SOLIS 99 210 Wat SOLIS 100 350 Wat SOLIS 199 210 Wat SOLIS 299 300 Wat SOLIS 300 350 Wat SOLIS 330 3 Wat SOLIS 331 350 Wat

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Veeco Beauty Equip. Mfg. Company 1217 W.Washington Blvd. Chicago, Ill 60607	Apparently all	Manufacture Salon-type hair dryers (also known as hood -type dryers) for commercial or professional use only. Asbestos in wire leads only.	

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Wahl Clipper Corporation 2902 North Locust Street Sterling, Illinois 61081 (815) 625-6525	Wahl Part No: 5300 :Collegiate Hair Dryer :asbestos on back of foil around heat element out of air flow. Wahl Part No: 5350 : Collegiate Tote-me dryer : asbestos on back of foil around heating element out of air flow Wahl Part No: 5400 : Stand Up Styler Dryer with attachments (blue) : asbestos around heat element Wahl Part No: 5450 : Stand up styler dryer with attachments (grey) : asbestos around heat element. Wahl Part No. 5480 : 10-in-1 Styler Dryer Kit : asbestos around heat element. Wahl Part No. 5460 : PET STYLER DRYER GROOMER : asbestos around heating element. Wahl Part No. 5800 :Thermospot Testor :asbestos around heating element		Wahl Part No: 5200 : Dryer with Stand

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Market Importing Services, Inc. (Continued)		"Member stores," which are various and different retail stores, will accept returns and give replacements, but the consumer may need to show proof of purchase. Proof of purchase is not necessary for dryers mailed to the Company. No postage reimbursement is offered for mail-in's but it will be provided if a consumer requests reimbursement.	
Master Appliance Corp. 2420 18th Street Racine, Wisconsin 53403	None		
Merit Enterprises Newark, New Jersey SEE MARCO ELECTRIC			
Metal Ware Corp. 1710 Monroe St. Two Rivers, Wis. 54241 (Empire Electric Housewares)		We do not manufacture or import a hand-held hair dryer.	
Milo Beauty & Supply Co. 4670 Allen Rd. Stow OH 44224		Firm is a private labeler. Its supplier claims that asbestos is not and has not been used.	Probably all.
Montgomery Ward & Company Montgomery Ward Plaza Chicago, Il 60671 (Montgomery Ward Brand)	Last five digits of model number: Current Stock. 19361 – 1400 Watt Turbo 19363 – 1200 Watt Mini	Company instructed catalog and retail stores to halt sales of Montgomery Ward brand dryers containing asbestos.	All models not identified on this list as containing asbestos.

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Montgomery Ward & Company (Continued)	*19367 – 1250 Watt Pro *19368 – 1050 Watt Pro Not current stock. 19369 – 1000 watt Pro 19374 – 1000 Watt Pro 19375 – 1200 Watt Pro Not current stock. "In Heater support system. Unknown whether exposed to air stream." *19382 – 900 Watt Styler *19387 – 750 Watt Styler *19388 – 850 Watt Styler 19389 – 1000 Watt Pro Dryer 19383 – 1200 Watt Pro Dryer *Some units have asbestos; some units don't.	Has instructed those firms who manufacture dryers for Wards to cease the use of asbestos in new production. Asbestos paper is being removed from present stock. Posting signs informing customers of the asbestos controversy. Company will offer a new dryer currently in stock in exchange for dryers brought back by consumers. If the consumer does not want to accept the "exchange item," each store is advised to "adjust on a policy basis."	AND Models 19361 19363 19367 19368 LABELLED: THIS PRODUCT CONTAINS NO ASBESTOS.
Moore Dispensers, Inc. 800 Ferndale Pl. Rahway, NJ 07065		Private Label wall-mounted electric hair dryers under name Moore-Dri. No asbestos is used or has been used in their dryers.	All
Mustang Electronics, Inc. 11 W. 30th Street New York, N.Y. 10001	None		All
National Presto Industries Inc. Eau Claire, Wisconsin 54701 (715) 839-2121	Style — Model No. Elastic Bonnet — LP04 Zipper Case Elastic Bonnet — PP10A Professional Hood — PP18A Mist Hood — PP19A Mist Hood — PP19B Styling Comb — PP24A Mist Styling Comb — PP25A	Presto ceased selling hand-held portable electric hair dryers in 1976. None of these portable hand-held electric hair dryers contained any asbestos materials.	

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
ew York Merchandise Co., Inc. 2 W. 23rd Street ew York, N.Y. 10010 212) 675-3500	#U4/26 shipped during 1977. Brand Name: NOBILITY Model #U4/1201 shipped during 1978. Brand name: NOBILITY Model #10/2100 shipped in October 1977. Since that date all of these models have been without asbestos.	Company stopped imports of hair dryers containing asbestos. Company will issue credit to customers who return asbestos containing dryers to the place where the dryer was purchased. Credit will be for the full purchase price.	Model #U4/1200 Brand Name: NOBILITY Model #10/2080 Brand Name: NOBILITY
he Newman Importing Co. 461 Warner Drive .O. Box 853 ulver City, California 90230	None		All
lorth American Philips Corporation onsumer Relations Department 00 E. 42nd Street lew York, NY 10017 oll-free Consumer lumber: 00-223-1828	Made in 1975 and before: HB-1700 Norelco 1000-Black color Contain asbestos-wrapped coil supports, not asbestos heat shields. Made in 1973 and before: HP-2600 Quick Dry-Green color HP-3600 Quick Dry-Tan color HP-3601 Quick Dry-Tan color Last made in December 1972: HC-1107 Pro Comb-Brown color	No hair dryers with asbestos produced since 1975. Company will exchange HP 2600, HP 3600 and HP 3601 for similar new Norelco dryer models through its 16 service centers. Company will replace liner of model HB-1700. Units can be taken to Norelco service centers for replacement or repair or mailed to the Consumer Relations Department in New York.	HB-5600 Quick Dry 750 HB-6600 Shape 'n Dry 750 HB-7600 Mist 'n Dry 750 HB-7601 Mist 'n Dry 750 HB-9600 Shape 'n Dry 900 HB-9601 Shape 'n Dry 900 HB-9700 Mist 'n Dry 900 HB-9800 Shape 'n Dry 900 HB-9900 Hair Tool HB-9809 Gotcha Dry HB-1701 1200-2 HB-1703 Mighty Mite 900 HB-1705 Mighty Mite 1000 HB-1707 Gotcha Gun 1000 HB-1717 Gotcha Gun 1000 HB-1777 Gotcha Gun 1200 HB-1727 Pocket Gotcha Gun HB-1787 Gotcha Gun 1200 HB-1800 Gotcha Gun 1400

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
'Kun International, Inc. 238 W. Collins Avenue range, Calif. 92667	None	"We were wholesalers of portable hand-held electric hair dryers. Discontinued this activity more than one year ago."	
ster Corp.)55 N. Lydell Ave. ilwaukee, WI 53217		See Sunbeam Response..	
ıce Setter 777 North Ontario St. urbank, CA 91504 ambles Import Corp. an importer of hair ryers. Pace Setter is ıe trade name for many f the items imported y Gambles. 213) 843-3283	*E-2032 (1200 Watt Pro Dryer) *2000S (1050 Watt Pro Dryer) *E-2100 (1200 Watt Compact Dryer) *The above model numbers may also identify dryers without asbestos.	When contacted by consumers, Gambles wants the dryers mailed to it to determine whether or not the dryers contain asbestos. Dryers should be mailed to Gambles 2777 North Ontario St., Burbank California 91504. Gambles will reimburse consumers for their mailing costs. Dryers found not to contain asbestos will be returned to consumers. Dryers found to contain asbestos will be replaced with a new asbestos free dryer which will be mailed to the consumer. Gambles is providing without cost to the consumer a 1050 Watt or a 1200 Watt dryer to replace the 1050 Watt Pro Dryer (2000S) 1200 Watt Pro Dryer (E-2032) and 1200 Watt Pro Compact (E-2100)	

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
ılmor International Corp. Chester Avenue ewark, NJ 623-8882			CB-4 CB-6 HP 3000
ınasonic Company ivision of Matsushita lectric Corporation America ne Panasonic Way ecaucus, NJ 07094	Vornado – Hot Air Comb Models 506B 507B Panasonic – Pistol Type Models EH 68 EH 685 EH 611 Consumers can obtain the replacement item or the repurchase price, less a reasonable allowance for use by mailing the dryer to "Hair Dryers" Panasonic Company P.O. Box 1351 Secaucus, New Jersey 07094 A reasonable allowance for postage will be given consumers who mail in eligible dryers.	Last imported portable hand-held hair dryers in March '73. Panasonic will offer consumers with either VORNADO hair dryer model their choice of an exchange of the dryer for a Panasonic emergency light, model number FF-183E or a repurchase of the unit less a reasonable allowance for use. For each of the three PANASONIC models, the company will offer, at the consumer's option, a battery operated pencil sharpener model number KP-1A or an AM portable transistor radio model number R-1027/AM or a repurchase of the dryer, less a reasonable allowance for use. ALLOWANCE SCHEDULE Year purchased – % of price to be paid * '75-present – 40% '74 – 30% '73 – 20% '72 and before – 15% *The amount paid will NOT exceed the appropriate % of the manufacturer's suggested retail price.	Panasonic Brand Pistol type: EH-681 Hot air combs: EH-741 EH-745 EH-781

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Paris Associates, Inc. 615 Valjean Avenue P.O. Box 7034 Van Nuys, CA 91409		In response to the question "Have asbestos materials been used in dryers your firm has manufactured, imported, or labeled within the last ten years?" Paris Associates by Mr. Jerry Zipperman responded NO.	
Charles Parker Co. 90 Pratt Street Meriden, Conn. 06450		We do not manufacture or sell portable hand-held electric hair dryers. We sell dryers manufactured for us. Our manufacturer claims there is no asbestos in his dryers.	
J.C. Penney, Inc. 1301 Avenue of the Americas New York, N.Y. 10019 Product Safety Coordinator: William Meiter	The company believes that some of these dryers may or may not contain asbestos and is investigating: Catalog Lot No. (corresponds to retail lot no.) — Description 6623979 — 1000 watt pro dryer 6622351 — 1000 watt rotary styler dryer 6621197 — 1200 watt pro dryer 6624290 — 1200 watt pro dryer 6622518 — 1400 watt pro dryer 6622526 — 1200 watt adjustable pro dryer 6622435 — 1200 watt pro dryer 1200 pro dryer 1200 adjustable pro dryer	Sales of all hair dryers that may contain asbestos have been stopped. The company is following its normal policy of customer satisfaction. If the customer is concerned, the company will repair, replace, or refund depending on the dryer.	Approximately 47 models do not contain asbestos.
Retail Lot No. 1064-1050A 1064-1121 1064-1145 1064-1146 1064-1180 1064-1190 1064-1186 1210 Treasury 1213 Thrift			

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
arlduck Inc. ıe South Street ırden City, N.Y. 11530 ıe following names ɜ associated with arlduck: ıbl Duck	Models: 600 615 700 760 850 860 BloCurl 701 Model 700 reported also as Dubl Duck Styling Dryer #700	Most recently imported model, the 700, was last imported in 1975. Dryers containing asbestos which are mailed to the firm will be repaired by removing the asbestos or replacing the barrel, or the dryer will be replaced with current similar models containing no asbestos, where repair is not feasible. If the consumer requests postage reimbursement then it will be given. Postage reimbursement is not, however, offered. Dryer returned to the company should be mailed to: One South Street Garden City, New York 11530	All other dryers do NOT contain asbestos.
edmont Fabrications 15 McCreary St. N.E. O. Box 4453 'inston Salem, NC 27105		Firm is a private labeler of a salon type hair dryer. Firm has never used asbestos.	All
roducts of Beauty \ Division of Belvedere roducts) 2 Railroad Ave. 'est Haven, CT 06516		Until June 1978 Products was a private labeler of a commercial hood type dryers used in beauty salons.	All

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
ıyette, Inc. ivision of Faberge, Inc.) 45 Avenue of the Americas :w York, NY 10019	Unknown	Faberge, through it's Rayette Division, manufactured and private labeled portable, electric, hard-hat hair dryers until April, 1969. Rayette-Faberge has since sold it's hair dryer business to Dynamics Corp. of America. Some of the models manufactured more than ten years ago contained an asbestos heater gasket, parts of which are exposed to the air flow. The color-coated heater lead wires used in some models contained asbestos insulation. Parts of the heater lead wires are exposed to the air flow.	Unknown
aymond Industries, Inc.)0 Hoover St. inneapolis, MN 55413 12) 331-4773	Unknown	Is a private labeler. Its supplier has said that its products do not contain asbestos, according to the Company.	Unknown
olf Brauchli Inc. BI Importers & Distributors)44 Lawndale kokie, Ill 60076 312) 675-0087	SOLANOTRONIC 131 1200 Watt SOLANO 130 1200 Watt : : Have not contained asbestos since April 79 : : asbestos liner is inside front tube of the dryer housing around the heating element.	A Commission staff survey indicates that some distributors have taken back Solanotronic and Solano models containing asbestos for removal and replacement of the asbestos liner with mica.	Trade Name / Model / Description SOLIS 106 750 Watt " 110 " " " 210 550 " " 102 500 Termofor SOLIS 122 450 " " 306 800 " " 310 600 " " 371 450 " " 309 1200 " " 311 1200 " " 310 1000 " SOLIS 99 210 " " 100 350 " " 199 210 " " 299 300 "

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Rolf Brauchli Inc. (Continued)			Solis 300 350 Watt " 330 350 " " 331 350 "
Remington Products, Inc. 60 Main St. Bridgeport, Conn 06602	Not a manufacturer, importer, and/or private labeler of portable hand-held hair dryers. See: Sperry Rand Corp.		
Romito-Donelly Corp. 349 Romito St. Ravenna, OH 44266		Firm answered that they are a a private labeler of electric hair dryers but that none of their models have contained asbestos.	All
Ronson Corp. 1 Ronson Rd. Woodbridge, NJ 07095 (201) 636-2430			According to Ronson's oral response, all of their hair dryers are without asbestos.
Rutter, Inc. 131 Columbus Rd. Athens, OH 45701		In response to the question: Have asbestos materials been used in dryers your firm has manufactured, imported or labeled within the last ten years, Rutter answered No.	All
Sal's Wig Center/Beauty & Barber Supply Centro Commercial Co-Op Bayamon, Puerto Rico 00619	Unknown	Importer and private labeler and does not know if his dryers contain asbestos, according to the company.	Unknown
Sani-Dry Corp. 5700 McDermott Drive Berkeley, IL 60163		Never manufactured hand held hair dryers. Their dryers do not contain asbestos according to Sani-Dri.	All

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
anyei New York Corp. 271 Avenue of the Americas lew York, New York 10020 uite 3530 212) 54107480	Model — Brand Name E2000S — PRO 1050* E2032 — PRO 1200* E2033 — PRO 1200* E2100 — MIGHTY 1200* E2095 — MIGHTY 1000* *Not all these models contain asbestos. Those models containing asbestos can be distinguished by looking into the barrel and if there is a white lining around the wall of the nozzle then the dryer has asbestos. The white colored strings supporting the heating element are not asbestos.	Sanyei is replacing the model E-2095 or E-2100 hair dryer. Sanyei will repair hair dryer models E-2000S, E-2032 and E-2033 or replace them with a comparable unit which contains no asbestos. Both repair or replacement will be done without charge to the consumer. Sanyei has not agreed to reimburse consumers for the cost of mailing in their dryers. Dryers, containing asbestos, should be mailed to: Sanyei New York Corporation 1271 Avenue of the Americas Suite 3530 New York, New York 10020	E - 2060 E - 2080 E - 2090 E - 2070
Sanyo Electric, Inc. 1200 W. Artesia Blvd. Compton, California 90220 and 200 Riser Road Little Ferry, N.J. 07643 Anyone wishing to contact the firm should write to the firm's New Jersey address.	*HD 300E HD 2300 HD 2300P HD 6500 HD 7000 *HD 6701 *asbestos in nozzle lining ::asbestos yarn in all models except 6701	Sanyo Electric stopped manufacturing hand held electric hair dryers containing asbestos in June 1978. Sanyo Electric Inc. stopped distributing the dryers in the United States in December 1978. Sanyo is offering to replace three of its asbestos containing dryers – models HD 6500, HD 7000 and HD 6701 – with an asbestos free dryer, model HD 6702.	

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
anyo Electric, Inc. (Continued)		For the asbestos containing dryers, model numbers HD 300E, HD 2300 and HD 2300P, Sanyo is offering as a replacement, the model HD 2210. Replacements are available at the company's service departments in New Jersey. Postage reimbursement is provided for mail-in's if consumers request it.	
ave-Way Industries, Inc. 920 Northwest 165th St. Hialeah, Florida 33014 305) 621-2611 ave-Way distributes its roducts through four hannels: 1) Belson Imports 2) Save-Way Barber & Beauty Supplies 3) Save-Way Professional Mail Order 4) Windmere Products	VIP Super 500 Boss Turbo 1200 (Only the Beige models) Dry Baby 1400 Dry Baby 1200 (Only the white models with a black stripe) Brush Power 1000 *Ron Hair Dryer 1000 Watt *Ron Hair Dryer 1200 Watt *Viking 1000 Watt *Viking 1200 Watt *Viking 1200 Watt *VIP 1000 Watt *VIP 1200 Watt *Bel 1000 Watt *Boss 1000 Watt *asbestos only in those models marked "made in Korea" and in every color except see-through Tortoise	Save-Way will repair hair dryers containing asbestos by removing the asbestos in the dryers' nozzel Dryers are to be sent to the firm's Hialeah, Florida address. Consumers will be reimbursed for postage on mail-ins if the consumer requests it. Save-Way is also offering a new replacement dryer at the cost of $9.95 with the same postage reimbursement policy. The replacement dryer will not be sent unless the consumer specifically requests it and understands there is a charge for the replacement. Consumers returning dryers should include a note indicating whether the dryer is being returned for "asbestos repair" or for dryer replacement (for $9.95 cost).	Dry Baby 1200 – white with orange lettering or any color other than white with black stripe. ALL OTHERS – except those listed specifically as having asbestos. Boss Turbo 1200 (White and Tortoise models)

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Schick, Inc. 216 Greenfield Road Lancaster, PA 17601	NOT MARKETED AFTER 1975 **PD-1001-A **PD–1201 **ONLY THESE MODELS ARE INVOLVED IN SHICK'S REPLACEMENT PROGRAM .	Company will replace their models containing asbestos with new models at consumer request, either by mail or at 450 authorized centers. Consumers can mail dryers that contain asbestos to Schick, Inc. 216 Greenfield Rd. Lancaster, PA 17601 for replacement.	Current design contains no asbestos but models are not yet identified. Previously sold models without asbestos are not yet identified. PD-1001
Schick Incorporated Riverside Building 33 Riverside Avenue Westport, Conn 06880 (203) 226-9545	Salon type: Model 307* 315* 316* 317* 320* 321* 322* Hatchet type: Model 339* 340* *The nine model numbers were given by Schick in response to a second special order requesting information. THESE MODELS are NOT included as part of the retrofit plan entered into by Schick.		
Scovill Company Hamilton Beach or Dominion Divisions Finished Goods Warehouse Door No. 6 Washington, North Carolina 27889	Hamilton Beach Division 458 Portable Hair Dryer with Mist Groomer attachment 422 portable version of 497 423 Groomer II Englishtown *480 Pro 1200 W Hair Dryer 434 B Female Groomer with case 433 Mail Groomer with case 432 Hot Comb *479 Deluxe Blower Styler 425 Blower Styler	Shipments suspended March 29, 1979. The company will replace units which contain asbestos that are mailed to firm or repair them at its option.	

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
;coville Company Hamilton Beach or Dominion Divisions (continued)	Dominion Division 3806Y Portable Hair Dryer 3806P Portable Hair Dryer *1841 Comb & Dry Hair Dresser *3840 1000 W. Gun Type Hair Dryer 3850 Comb & Dry Hair Brush *asbestos in nozzle lining		
ears, Roebuck & Co. ears Tower 'hicago, Ill. 60684 'or information: Call nearest Sears Store	253.6314 Current 253.6369 " 253.6385 " 253.8700 " 253.8714 " 253.8736 " 253.8754 " 253.8782 " 253.8783 " 253.6374 253.6377 253.8704 320.6350 700 Watt Professional Dryer 320.8706 700 Watt Professional Dryer 8770 These are raised numbers permanently molded into the pistol grip of the dryers.	Company does not now purchase for sale hair dryers made with asbestos. All 14 models with asbestos heat shields have been removed from store shelves and sales halted. Normal consumer policy applies: "Satisfaction guaranteed or money back." Sears will replace the unit or refund the purchase price. Sears has removed from sale all of its hair dryers which contained asbestos, has retrofitted them with mica, and only then returned them to the sales floor. These retrofitted dryers are functionally identical and the stock numbers are the same EXCEPT that an "M" has been added to all units reworked to contain mica	All models not identified on this list as containing asbestos.

COMPANY	MODELS WITH ASBESTOS	COMPANY ACTIONS AND POLICY	MODELS WITHOUT ASBESTOS
Select Beauty Brands, Inc. 333 Westbury Ave. Carle Place, N.Y. 11514 (516) 333-0410		All dryers marketed by our firm are sold exclusively to Beauty, Barber and Salon dealers for professional use. Our dryers do not contain asbestos. Information available to the Commission indicates that some Select Beauty Brands dryers may have the name ROYAL HAIRDRYERS.	
Sharp International Corp. 60 W. 45th St. New York, New York 10036 (212) 840-0960			All
Shetland Company A Division of Promotional Merchants, Inc. 44 Gerrish Avenue Chelsea, Mass. 02158		Shetland has not used, does not currently use, nor will it use asbestos in its hair dryers.	
Simons Furniture & Fixture Co. 119 South Adams St. Anaheim, Calif. 92802	UNKNOWN	Company is a distributor of hair dryers for Beauty Salons	UNKNOWN
Skillern Drug Division Zale Corporation Box 222219 Dallas, Texas 75222 (3000 Diamond Park)		Asbestos materials have not been used in dryers we have imported or labeled within the last ten years.	