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Johns-Manville

Internal Correspondence

S1243-154

To. ASBESTOS LITIGATION ATTORNEYS Date January 14, 1981

From: G. Evans

Copies: Chrono/File

Subject: Raybestos-Manhattan Products

Attached please find a list of products manufactured by Raybestos-Manhattan which I received in connection with interrogatories propounded upon Raybestos in California.

Attachment

DISTRIBUTION LIST:

M. Taber
R. Wilson
K. Gulley
J. Green
R. André
D. Markusson
[redacted]
P. Fenner

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RAYBESTOS-MANHATTAN TEXTILE PRODUCTS AND TRADE NAMES

Chrysotile Products

roduct	Approx. Date First Sold	Approx. Max. Asbestos %	Appearances	Intended Use
ıp	1935	100	Convolute coiled felt	Electrical insulation
ıving	1910	95	Untwisted thread	Raw material for textiles
ble filler	1938	100	Twisted thread	Electrical cable insulation
Glassbestos	1940	80	Twisted thread	" "
ırn	1910	95	" "	Raw material for
Novatex	1972	100	" "	textiles and
Sealsafe	1975	80	" "	sewing thread for lagging and heat resistant fabrication
ıpe	1910	90	Twisted rope	Sealing material
ick	1910	90	Loosely twisted	" "
loth	1910	95	Woven fabric	Miscellaneous
Glassbestos	1940	80	" "	heat and flame
Rhinobestos	1946	90	" "	resistant appli-
lybestos	1955	85	" "	cations such as
lvabestos	1959	75	" "	welding curtains,
ıovatex	1967	100	" "	fire checks, lagging cloth, laminate reinforcing, etc.
Speedlag*	1969	65	Adhesive coated woven fabric	Pipe lagging
Eleven thirty-three	1971	90	Woven fabric	Miscellaneous
Tribestos	1971	90	Woven fabric	Safety clothing
Sealsafe	1975	80	Treated cloth	Safety clothing
Goldbestos*	1959	70	Coated cloth	Ironing board covers
Novabestos*	1947	95	Woven cloth	Miscellaneous
Fluoro-bestos	1955	75	Fluorocarbon coated cloth	Chemical resistant
Terry-bestos*	1960	80	Tufted cloth	Gloves
lts	1938	100	Paper coil or roll	Electrical insulation and/or laminate reinforcement

EXHIBIT "A"

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duct	Approx. Date First Sold	Approx. Max. Asbestos %	Appearances	Intended Use
Tape	1910	85	Convolute coil	
Gatortape	1963	80	" "	
Glassbestos	1942	80	" "	
Sealsafe	1975	80	" "	Electrical and/or
Novatex	1970	100	" "	thermal insulation
Pyrotex	1938	60	" "	and/or fire
Allbestos	1941	80	" "	resistance
Novabestos*	1947	85	" "	
Tubing	1910	100		Filtering and
Novatex	1973	100		protective
Sealsafe	1975	80		covering for pipes and tubing

*Discontinued products: Novabestos - 1964
Terrybestos - 1965
Goldbestos - 1970
Speedlag - 1976

II. Crocidolite Products

Packings*	1920's	--	Coiled or twisted rope	Mechanical applications
lve Rings*	1950's	--	Untwisted Thread	Mechanical applications

*Discontinued products: Packings - 1972
Valve rings - early 1970's

III. Amosite Products

Blankets*	1920's	100	Woven blanket	Electrical and/or thermal insulation for U.S. Navy
Tape*	1940	--	Convolute coil	Electrical and/or thermal insulation

*Discontinued products: Blankets - 1944
Tape - 1970

IV. Anthophyllite Products

Paper	1958	100	Compressed threads	Automatic transmission applications

EXHIBIT "A" (CONTINUED)

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NAME:

RAYBESTOS-MANHATTAN

PRINCIPLE PLACE OF BUSINESS:

Trumbull, Connecticut

CORPORATE HISTORY:

Present entity is a result of the merging of The Raybestos Co., General Asbestos and Rubber Co., The Manhattan Rubber Manufacturing Co., and United States Asbestos Co.

PRODUCTS:

See Exhibit "A" for description of products.

MINED OR MILLED:

Never engaged in mining or milling; however, in 1953, purchased 400,000 shares of capital stock of Cassiar Asbestos Corporation, Ltd., which owned Clinton Mine, British Columbia. The mine produced chrysotile ore since 1900.

LOCATION OF MANUFACTURING PLANTS:

Raybestos Friction Materials Co. had plants in Stratford, Connecticut, Manheim, Pennsylvania; Crawfordsville, Indiana; Peterborough, Ontario; and Cork County, Ireland, in addition to others not listed herein. Raybestos-Manhattan Industrial Products Co. had plants in North Charleston, South Carolina and Marshville, North Carolina, in addition to others not listed herein.

SOURCE OF RAW MATERIALS:

See Exhibit "B"

REASON FOR DISCONTINUATION OF PRODUCTS:

Withdrew Terrybestos in 1967 due to lack of sales.

Withdrew Novabestos in 1954 due to lack of business.

Withdrew Goldbestos in 1970 because sole customer quit using the same.

FIRST KNOWLEDGE OF HAZARDS:

1930

FIRST LABELING:

1972

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SALES:

Does not deny direct sales to Long Beach Naval Shipyard. Admits sales to U.S. Government. (Has records of such sales from 1969 to 1971; no records prior to 1969, however, admits probable sales before that time.)

Sales amounting to $429,088 to Owens-Corning between 1966 and 1974.

Sales amounting to $2,152 to Combustion Engineering from 1970 to 1971.

Sales amounting to $23,218.75 to Armstrong from 1949 to 1962.

Sales amounting to $376,884 to H.K. Porter from 1959 to 1973.

MEMBER OF ATI:

Yes, Since 1956.

WORKERS COMPENSATION CLAIMS:

As early as 1933 by employee.

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RAYBESTOS MANHATTAN TEXTILE PRODUCTS - TRADE NAMES

PRODUCT	APPROX. DATE FIRST SOLD	APPROX. MAX. ASBESTOS %	APPEARANCE	INTENDED USE
Lap	1935	95	Convolute Coiled Felt	Electrical insulation
Roving	1910	95	Untwisted Yarn	Electrical Cable Insul.
Cable Filler	1938	95	Twisted Roving	" " "
Glasbestos	1940	80	Twisted Roving & Glass	" " "
Yarn	1910	95	Twisted Strands)	Raw material for weaving
Novatex	1972	100	" ")	and sewing the various
Sealsafe	1975	100	Treated twisted)	gings and heat resistant
			strands)	fabrication
Rope	1910	95	Twisted rope	Sealing material
Wick	1910	95	Soft Rope	Sealing material
Cloth	1910	95	Woven Fabric)	Miscellaneous and
Glasbestos	1940	80	" ")	flame resistant applica-
Rainobestos	1946	75	" ")	tions such as lagging
Polybestos	1955	80	" ")	curtains, fire blanket,
Silvabestos	1959	80	" ")	lagging cloth, laminate
Novatex	1967	100	" ")	reinforcing, etc.
Speedlag*	1969	80	Adhesive Coated Woven fabric	Pipe Lagging
Uleven Thirty-three	1971	80	Woven fabric	Miscellaneous
Tribestos	1971	80	" "	Safety Clothing
Sealsafe	1975	100	Treated cloth	Safety Clothing
Goldbestos*	1959	100	Coated Cloth	Ironing board covers
Novabestos*	1947	95	Paper	Miscellaneous
Fluorobestos	1955	95	Fluorocarbon coated Cloth	Chemical resistance
Terrybestos*	1960	80	Tufted cloth	Gloves
Felts	1938	100	Paper coil or roll	Electrical insulation and laminate reinforcement
Tape	1910	95	Convolute coil)	
Gator tape	1963	80	" ")	
Glassbestos	1942	80	" ")	
Sealsafe	1975	100	Treated Convolute Coil)	Electrical and thermal insulation and fire resistant applications
Novatex	1970	100	Convolute Coil)	
Pyrotex	1938	60	" ")	
Allbestos	1941	80	" ")	
Novabestos*	1947	95	" ")	
Tubing	1910	100	" ")	Protective covering for
Novatex	1973	100	" ")	pipes and tubing
Sealsafe	1975	100	Treated Convolute Coil)	

All asbestos used in these products was chrysotile.

*Discontinued products: Novabestos - 1964
Terrybestos - 1965
Goldbestos - 1970
Speedlag - 1976

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TYPES OF ASBESTOS USED BY R/M

Type	Locations	Application	Period Used
Chrysotile	All	All (Except certain packings & Insulation Blankets)	Approximately 190 to Present
Crocidolite	Manheim	Packings	1920's - 1972(1)
	N. Charleston	Braided Packings & Valve Rings	1950's to early 1970's(2
Amosite	Manheim	Insulation Blankets for U.S. Navy	1920's - 1944(3)
		Insulating Tape	1940 - 1970(4)
Anthophyllite	Stratford	Paper for Automatic Transmission Applications	Approximately 19 to Present

(1) From 1939 to 1967 Manheim produced crocidolite asbestos packings in quantities up to 10,000 lbs. per year. From 1967 through the first 6 months of 1972 approximately 5,000 lbs. per year of this material was handled but dust exposure was greatly reduced compared to the pre-1967 levels. Processing of materials containing crocidolit was completely ceased in June 1972.

(2) Small amounts of crocidolite, probably less than 2,000 lbs., was processed in the plant beginning in the 1950's. Purchased yarn was converted to a braided packing that was oiled and graphited.

(3) From 1941 through 1944 Manheim processed approximately 150 to 300 tons per year of amosite fiber during a time when total textile mill consumption of fiber probably was around 2,500 tons per year. Much of this work was done under high priority on defense contracts for the United States Navy.

(4) From around 1940 until 1970 Manheim also produced amosite insulating tape on an intermittant basis.

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R-M has purchased raw asbestos from various sources, located principally in Canada and Africa, over a period of approximately 80 years. R-M does not maintain records of all such purchases but retains records consistent with its document retention policy. More specifically, existent records reflect that the following companies have over the years supplied raw asbestos fibre to R-M:

Asbestos Corp., Ltd.
1940 Sun Life Bldg., 1155 Metcalfe St.,
Montreal, 110 P.Q. Canada

Asbestos Corp. of America
31 North Avenue
Garwood, NJ 07027

Bell Asbestos Mines Ltd.,
P.O. Box 99
Thetford Mines, P. Q., Canada

C. Tennant & Sons
100 Park Avenue
New York, N.Y. 10017

Canadian Johns-Manville
Asbestos, Ltd.
P.O. Box 1500
ASBESTOS, P.Q., CANADA

Carey-Canadian Mines, Ltd.
P.O. Box 190, East Broughton Station
P.Q., Canada GON IHO

Cassiar Asbestos Corp., Ltd.
2000 Guinness Tower, 1055 W. Hastings St.
Vancouver, B.C. Canada V6E 3V3

D. H. Litter
116 East 16 Street
New York, N.Y. 10003

Flintkote Company
East Rutherford, N.J. 07073

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Flintkote Co.
30 Rockefeller Plaza
New York, NY 10020

GAF Corp., Industrial Products Div.,
4th floor, 140 West 51st St.,
New York, N.Y. 10020

Gage International
(Address unknown)

Robert P. Goedert
112 Hudson Street
New York, N.Y. 10013

Huxley Development Corp.
Time-Life Bldg.
Rockefeller Center
New York, N.Y. 10020

Jaquays Asbestos Co.
P.O. Box 328
Globe, Arizona 85501

Johns-Manville Sales Corp.
P.O. Box 1544
Englewood Cliffs, N.J. 07632

Johnson's Company, Ltd.
Thetford Mines
Quebec, Canada
(Purchased by Asbestos Corp. 1964)

Lac d'Amiante du Quebec Ltee
Division National
(Subsidiary of Asarco)
CP P.O. Box 608
Black Lake, Quebec, Canada

Lake Asbestos of Quebec Ltd.
120 Broadway
New York, N.Y. 10005

National Gypsum Co.
(Address unknown)

North American Asbestos Corp.
1410 W. Jackson Blvd.
Chicago, Il. 60607

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North American Asbestos Corp.
150 N. Wacker Drive
Chicago, IL 60606

Phillips Bros.
299 Park Avenue
New York, NY 10017

Reconstruction Finance Corp.
Surplus Property Division
1528 Walnut Street
Philadelphia, PA 19102

Ruberoid Co.
500 Fifth Avenue
New York, NY 10036

W.H. Powhatan Mining Co.
6721 Windsor Rd.
Baltimore, MD 21234

Turner & Newall, Ltd.
Manchester 1, England

Union Asbestos & Rubber Co.
1111 W. Perry Street
Bloomington, Il 61701

Union Asbestos & Rubber Co.
332 S. Michigan Avenue
Chicago, Il 60604

Van Horn, Metz Co., Inc.,
241 E. Elm St.,
Conshohocken, PA 19428

Vermont Asbestos Group
P.O. Box 70
Hyde Park, Vermont 05655

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