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DOCUMENT DESCRIPTION: Report - Use of Asbestos Containing
Products from a Health Standpoint with Relevant Memos & Letters

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FILE # 27

B-355



Johns-Manville

Internal Correspondence

To: M. Harris

Date: April 27, 1979

From: D. Poutiatine

Copies: J. Brown - 2-18

Subject: AFD SALES POLICY
YOUR NOTICE OF APRIL 10, 1979

Our basic sales policy is guided by the attached table issued on Sept. 15, 1977, and developed with the assistance of E. M. Fenner of H.S.&E. It is implemented fully in the domestic market; it is used as a guideline in the international market since in some cases we do not know the use for which our fibre is ordered. To the best of our knowledge, we do not sell fibre to more adverse situations than described by the "2" classification.

With specific reference to your notice, and if our policy is to differ from that which is described above, we would need a clear definition of products which are considered to be "friable insulation ..., end products (which) tend to flake or crumble in application or use."

My suggestion is that if any new products are to be added to our list, or be reclassified, we review them and make appropriate recommendations. An interesting thought occurs to me: how would we have classified asbestos paper in hair dryers back in September 1977? On the basis of our most recent press release, I would have to assume that it would fall into classification "1" both for consumers and fabricators.

D. Poutiatine

Attach.



Johns-Manville

Internal Correspondence

To: D. Poutiatine 2-04

Date: September 15, 1977

From: D. M. Kelleher 2-04

JRM Hutcheson	Asbestos	E.M. Fenner	1-06
Copies: M. Harris	2-04	R.P. Carter	1-06
G. Wright	1-06	J.F. Reis	2-04

Subject: USE OF ASBESTOS CONTAINING PRODUCTS FROM
A HEALTH STANDPOINT

Attached is a summary list of asbestos containing products. We have categorized them in accordance with their potential to generate airborne asbestos fiber in their use.

In summary, most asbestos containing products present a risk of health hazard during their fabrication for installation, either into a product, a building, or other end use. However, few products present an appreciable risk when used by the consumer.

The list is not necessarily an all inclusive list of asbestos containing products. There may be many products containing some asbestos which are unknown to us.

D. M. Kelleher

DMK:mh

USE OF ASBESTOS CONTAINING PRODUCTS
FROM A HEALTH STANDPOINT

Potential for Airborne Asbestos Fiber Generation

During any reasonably foreseeable use, including fabrication, handling, and application, the product would fall into one of the following categories: Categories

From a health standpoint a significant amount of airborne asbestos fiber would not be generated. 1

From a health standpoint a significant amount of airborne asbestos fiber would not be generated except when using fabricating methods that generate enough energy to tear fibers loose. 2

Significant levels of airborne asbestos fibers can be generated in the normal use of the product. 3

Discontinued uses. 4

POTENTIAL FOR THE GENERATION OF AIRBORNE ASBESTOS
FIBER FROM THE USE OF ASBESTOS CONTAINING
PRODUCTS

	<u>PRODUCT</u>	<u>CATEGORIES</u>	
		Use by Consumers	Use by Others Including Fab- ricators, In- stallers and Assemblers of EQUIP. InCorp- orating ASB. Containing Products
A.	<u>Products frequently containing asbestos paper, felt or mill- board:</u>		
	Electrical Appliances	1	2
	Mini-transformers, electric motor armature coils.		
	Roll Roofing	1	1
	Asbestos felt, impregnated with asphalt.		
	Gaskets	1	2
	(Sealing the junction of two stationary pieces of metal against the passage of liquids or gasses) e.g. pipe flanges, automotive engines.		
	Ironing Board Covers	1	2
	Insulated Electrical Wire	1	2
	Electrical cable insulated with combination of asbestos paper and textile products.		
	Asbestos Paper	1	2
	Specialty papers for electrical insulation (Quinterra).		
	Stoves and Heaters	1	2
	Insulation for industrial furnaces, drying ovens, electric heaters, incubators.		

<u>PRODUCT</u>	<u>CATEGORIES</u>	
	Use by Consumers	Use by Others Including Fab- ricators, In- stallers and Assemblers of EQUIPT. InCorp- orating ASB Containing Product:
A. <u>Products frequently containing asbestos paper, felt or mill- board, continued.</u>		
Fire Resistant Storage Cabinets	1	2
Linings for fire-resistant safes.		
Heat Resistant Table Pads and Mats.		
Domestic iron stands		
Insulation in Electrical Apparatus	1	2
As used in ordnance equipment, oil burners, agricultural equipment, lighting, mining and construction equipment.		
Vinyl Roll Goods Flooring with Asbestos Latex Felt Backing	1	1
Latex bound asbestos paper base for vinyl surface.		
Mits for Handling Hot Pans	1	2
B. <u>Products frequently containing asbestos fiber as a reinforcing agent or filler:</u>		
Asbestos filled bulk molding compounds - dry	1	3
Asbestos Filled Bulk Molding Compounds - Wet	1	1
Molded Plastics	1	1
Automobile air conditioner/ heater housing, kitchen utensil handles.		
Friction Materials (brake linings, clutch facings, etc.)	2	2
Heat resistance, non-scoring.		

<u>PRODUCT</u>	<u>CATEGORIES</u>	
	Use by Consumers	Use by Others Including Fab- ricators, In- stallers, and Assemblers of Equipt. Incorp- orating ASB Containing Products
B. <u>Products frequently containing asbestos fiber as a reinforcing agent or filler, continued.</u>		
Asbestos Cement Sheets	2	2
Asbestos Cement Pipe and Shingles	2	2
Sealants, Caulks and Coatings (bitumastic bound and other)	1	1
Asbestos to fill and toughen compounds.		
Vinyl Asbestos Floor Tile	1	1
Asbestos is a reinforcing filler and gives lateral and compressive strength.		
Plastic Laminates	1	2
Reinforcing filler		
C. <u>Products containing asbestos textiles:</u>		
Advantages include fire and heat resistance, and durability.		
Asbestos Cord Rope Wicks and Tape - Unimpregnated, non-dust sup.	3	3
Asbestos Cord Rope Wicks and Tape - Impregnated	1	1
Boiler expansion joints, elec- trical and Thermal insulation.		
Asbestos Compressed Sheet Packing	1	2
Impregnated with various binders for manufacture of gaskets and packings.		

	<u>PRODUCT</u>	<u>CATEGORIES</u>	
		Use by Consumers	Use by Others Including Fabricators, Installers and Assemblers of Equipt. Incorporating ASB Containing Product:
C.	<u>Products containing asbestos textiles, continued.</u>		
	Asbestos Braided Packing	1	1
	Rubberized and graphited for high pressure and high temperature applications.		
D.	<u>Other Products:</u>		
	Spackling/Joint Compounds	4	4
	Art and Craft Materials, Paper Mache	4	4
	Paints - when sanded	1	2
	Pumped Concrete Mixes	1	2
	Asbestos provides better flow characteristics.		
	Asphalt - Asbestos Waterproofing Membranes	1	1
	Low Density Insulating Board (Marinite Panels)	2	2
	Loose Asbestos Fiber	3	3
	Fertilizer	4	4
	Spray-on Insulation	4	4
	Low Density Insulated Material	4	4
	85% Magnesia and thermobestos		
	Chlorine Cell Diaphragm	-	2
	Drilling Mud	-	2
	Filters	2	2
	Filter Aids (dry)	4	4

Re: Marinite

- Only used in the molton metals Industry.
- Bellerica is within the two fiber standard.
- Carl Webber, Marketing Manager reports that OSHA has "been in" at most cutters-an audit has not been run.
- He hopes to have a substitute in 6 months or so.

Re: Asbestos Paper

- A substitute paper has been developed using refractory fibers. It is in the Product Proposal stage. It will be 20 to 30% higher on a per square foot basis compared with asbestos. We are continuing our development work on a dust suppressed asbestos paper.

Re: Millboard

- Our program to develop a dust suppressed millboard is progressing very well. A research report will be issued shortly.
- IPD has developed a formula for a substitute, but they don't have a process to make it as yet.

To: DR. PAUL KOTIN 1-06

From: M. HARRIS 2-13

Copies: SEE BELOW

Subject: REVISED ASBESTOS CAUTION LABEL
YOUR LETTER, 11/17/78

Date: DECEMBER 15, 1978

WE ARE PROCEEDING TO INAUGURATE THE NEW LABEL ON ALL
ASBESTOS BAGS.

WE DO HAVE A SMALL PROBLEM IN TRYING TO GET ALL OF THIS
PRINT IN SIX DIFFERENT LANGUAGES ON THE BAG SO THAT IT IS
LEGIBLE. HOWEVER, WE HAVE RESOLVED THIS TO THE BEST OF
OUR ABILITY ON THE OLD SIZE BAG AND WE ARE WORKING ON IT
WITH THE SMALLER, HIGH DENSITY BLOCK PACKAGE.

AS OF NOW, ALL FUTURE ORDERS FOR BAGS WILL CONTAIN THE NEW
LABEL AND WE WOULD EXPECT TO RUN OUT OF THE PRESENT INVEN-
TORY OF BAGS WITH THE OLD LABEL BY APPROXIMATELY MID-1979.

MH

MH:CN

COPIES:	J. A. MCKINNEY	1-03	D. H. MARKUSSON	2-18
	F. H. MAY	1-03	J. R. M. HUTCHESON	JEF
	F. L. PUNDSACK	1-03	R. E. SAMPSON	JEF
	C. J. DEBIASE	3-15	D. POUTIATINE	2-13
	L. J. BARTOLANZO	3-19	E. M. FENNER	1-06
	C. E. SHEPPERLY	1-04		

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JW - 83

4/18

Dimitry:

This has NOT been released. Mr. Harris
plans to discuss with Dr. Pundsack.

Please peruse and discuss with Mr. Harris
when he returns on April 30.

Char



Johns-Manville

Internal Correspondence

To: D. Poutiatine (2-13)

Date: April 10, 1979

From: M. Harris (2-13)

Copies:

Subject:

Consistent with our policy of selling fiber only to responsible users it is imperative that we immediately cease any new sales to purchasers using the fiber in friable insulation. The same policy, of course, holds true with respect to any other use where the end-product will tend to flake or crumble in application or use. There are to be no exceptions to this policy.

Please advise promptly as to measures taken to implement this directive. Until further direction from the law department this policy must be implemented unilaterally and not in conjunction with any other producers of asbestos fiber.



Johns-Manville

Internal Correspondence

To: Dr. Paul Kotin 1-06

Date: August 22, 1979

From: M. Harris 2-13

Copies:

Subject: ETERNIT SUMMIT MEETING

Among the many things that we are going to cover with Eternit is: "What is a safe level?" At our meeting with them in London in January 1977, we stated categorically that we felt 2 fibres was safe and we would defend it if they would move in that direction in Europe and elsewhere.

Of course, we are getting into semantics now as to the definition of safe, or acceptable, or extremely low risk, etc., etc.

I would like to give them an updated account on exactly what we think about the 2 fibre level. How about a statement, such as the following: "2 fibres per cc is either an acceptable or an extremely low risk level for asbestos workers, providing they are non-smokers".

I don't want to get too technical with them, but I think that we know a lot more about the 2 fibre level than we did in January 1977, and I need your guidance on a statement that we can stand behind.

I'll see you September 4 and discuss this matter further, so that I feel comfortable in whatever I say to them at our meeting on September 19 and 20.

7/11/79
MH:cn

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13. Asbestos & Health: M. Harris:

We did not have a statement in response to Califano. Then we had the "Meet the Press" debacle, wherein we were accused by the Union of only meeting standards by 1% - we did not respond. Then, ABC program - and no statement from J-M. Our Board of Directors met with Selikoff in late July. Everybody's making studies, but none are coordinated. Dr. Pundsack asked Dr. Kotin to prepare and document all studies being made, others as well as ours, to show what is going on. Then, McKinney decided to set up major Steering Committee to handle asbestos health policy. Mr. Harris then described some of the things the Committee will be discussing, but asked for input from the group on items to be brought to the committee's attention.

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Johns-Manville Corporation

Ken Caryl Ranch
Denver, Colorado 80217

Monroe Harris
Senior Vice President
Mining Group

November 30, 1979

Mr. Zhao Jing - qi
Director of Non-Metallic Bureau
Ministry of Building Materials Industry
Peking,
The People's Republic
of CHINA

Dear Mr. Zhao:

Under separate cover, I have sent you some of our literature, as well as a package of the respirators that I promised to send to you.

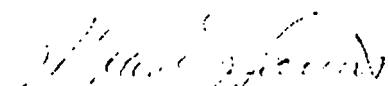
Please note that only certain types of respirators, such as these, actually filter out the very small, fine particles of asbestos to protect the health of the workers.

It is my suggestion that these be utilized for those workers who are most exposed to asbestor fibre dust, such as those opening bags at the factory locations.

Additional masks can be ordered by sending your purchase order to:

3-M Canada Ltd.
PO Box 5757
London, Ontario N6A 471
CANADA

Sincerely,


Monroe Harris
Sr. Vice President
Mining Group

MH:cn

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F. L. Pundsack 1-03

January 3, 1979

M. Harris 2-13

DUST COUNTS - ASBESTOS TEXTILE PLANT

I was a little surprised to hear the comments Burnett made about our textile plant, in that I knew we were making solid progress by taking rather drastic actions. This is supported by the attached letter from Bill Reitze.

I'll continue to monitor this situation very closely, as I realize what is at stake. I have told our Jeffrey people that they will have to get the dust counts down to 2 fibres and that I want to see continuous progress towards that goal, or we will shut the plant down, regardless of our relations with the Quebec Province.

As long as we are making progress, which is apparent from Reitze's letter, I don't think it wise for us to move, as suggested by Burnett.

MH:cn
Attach:

RECEIVED
JAN 10 1979