

MINERAL FIBER RESEARCH INSTITUTE

ASBESTOS INSULATION SECTION

J-M
Armstrong Cork
National Gypsum
Flintkote
Ruberoid
Atlantic Asphalt & Asbestos (Tilo)
U. S. Gypsum
Baldwin-Ehret-Hill
Union Asbestos & Rubber (Division of Pittsburgh Corning)
Standard Asbestos
Eagle-Picher
Refractories & Insulation Co. (Division of Combustion Engineering)
48 Insulations
Fibreboard Paper Products

ASBESTOS TEXTILE SECTION

J-M
Garlock
H. K. Porter
Raybestos Manhattan
U. S. Rubber
American Asbestos Textile Corp.
Tallman-McCloskey Fabrics Co.
Gatke Co.

ASBESTOS PAPER SECTION

J-M
Nicolet Industries
Philip Carey
Ruberoid
Smith & Kanzler

ASBESTOS FELT SECTION

J-M
Philip Carey
Nicolet
Keystone Roofing
Ruberoid
Allied Chemical (Barrett)

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ASBESTOS-ASPHALT ROOFING SECTION

J-M
Allied Chemical (Barret Division)
Bird
Fibreboard
Philip Carey
Pioneer-Flintkote
Ruberoid
U. S. Gypsum

ASBESTOS-CEMENT SECTION

J-M
Flintkote
Certain-teed
Capco
Nicolet
National Gypsum
Ruberoid
Philip Carey
U. S. Gypsum
Supradur
Atlantic Asphalt & Asbestos (Tilo)

ASBESTOS-ASPHALT SECTION

J-M
U. S. Gypsum
National Gypsum
Barrett
Certainteed
3 M
Flintkote
Philip Carey

ASBESTOS-PLASTICS SECTION

GE
Durex (Hooker Chemical)
Reichold Chemical
J-M

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FLOORING SECTION

J-M
Flintkote
Ruberoid
American Biltrite
Kentile
Azrock
Armstrong
Congoleum-Nairn
Ever-Tex, Inc. (Div. Atlantic Tubing)
Winburn Tile (Div. Mosaic Tile)

FIBER GLASS TEXTILE SECTION

J-M
Owens-Corning
Pittsburgh
Ferro
Gustin-Bacon
Stranglas Corp.

FIBER GLASS INSULATION SECTION

J-M
Owens-Corning
Gustin-Bacon (CertainTeed)
Pittsburgh
Philip Carey (buys O/C)
Flintkote (buys O/C)
Insulite (buys O/C)
Ruberoid (buys O/C)
National Gypsum (buys O/C)
Kaiser (buys O/C)

FRICTION MATERIALS SECTION

J-M
Raybestos-Manhattan
H. K. Porter (Thermoid Division)
Abex
Bendix (Marshall-Elipse Division)
Firestone (World Bestos Company Division)
Gatke
Grizzly
Auto Friction Corp.
Brassbestos Mfg. Co.
Chrysler (Chemical Division)
H. Krasne Mfg. Co.

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FRICTION MATERIALS SECTION (Continued)

Carlisle Corp. (Molded Materials Div.)
Silver Line Brake Lining Corp.
General Motors (Inland Division)
American Brake Shoe Company (American Brakeblok and S.K. Wellman Divisions)
Forcee Manufacturing Corporation
Reddaway Manufacturing Company, Inc.
Scandura, Inc.

PACKINGS & GASKETS SECTION

J-M
The Allpax Company, Inc.
Anchor Packing Company
Belmont Packing & Rubber Company
Braiding & Packing Works of America, Inc.
A. W. Chesterton Company
Clinton Manufacturing Co., Inc.
Collins Packing Co., Inc.
Crane Packing Company
Chicago Rawhide
The Darcoid Co., Inc.
Detroit Gasket
Durametallic Corporation
John L. Dore Co.
Certainteed
Eureka Packing Co.
F. D. Farnam Co.
Fibreflex Packing & Mfg. Co., Inc.
Flexitallic Gasket Company
Garlock Inc.
Greene, Tween & Co.
Hercules
LaFavorite Rubber Mfg. Co.
Linear Incorporated
The Marlo Company, Inc.
Melrath Supply & Gasket Co., Inc.
Metallo Gasket Co.
Nicolet Industries
Packing Engineering Corporation
Periflex Inc.
Phoenix Specialty Mfg. Co., Inc.
Pilot Packing Co., Inc.
Raybestos-Manhattan, Inc.
Rogers Corporation
Southeastern Products

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PACKINGS & GASKETS SECTION (Continued)

Sterling
United States Gasket Company
United States Rubber Company
Union Asbestos & Rubber Co.
Victor
Zimmerman Packing Company

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12/1/66 Appendix B

Basic Qualifications of an Executive Director

The Executive Director for the Mineral Fiber Research Institute should combine a scientific background, an orientation to industry, administrative capacities, and the ability to make effective appearances before open audiences, the press, and governmental bodies.

He should be able to grasp easily general policy laid down by a Board of Trustees and effectively formulate this policy into an action plan.

Administrative capacity and responsibility plus effectiveness as a public spokesman are probably of prime importance, followed closely by a knowledge of the industry's problems and acquaintance with the scientific aspects.

All of these qualifications, to some degree or other, may be found by seeking an Executive Director from the ranks of a university, or a scientific institution, from government, or from industry -- especially among those who may be faced with, or have already had, early retirement but could still be effectively active.

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Suggested Letter - 12/1/66 Appendix C

Dear _____:

We are inviting you and a few other leaders in the asbestos and other mineral fibers industry to meet together (when) for the purpose of initiating an industry-supported scientific research program into possible health effects of mineral fibers.

Increasingly, public health authorities, particularly in federal health and regulatory agencies, are focusing their attention on industrial products being introduced into the environment. Concern ranges from relatively limited effects of occupational exposures to much broader implications relating to the general public, or to relatively small groups within the public.

Along with many other substances, asbestos, fiber glass and other mineral fibers are coming more and more under scrutiny as possible air contaminants affecting health, not only in industry but in the general public. Although most published studies, and work that is underway, have been directed at asbestos fibers, attention recently has been extending to other mineral fibers with similar or other uses. Such possible effects as allergic reactions also are coming under study.

83 PLAINTIFF'S EXHIBIT

We believe it is essential for the industry to take leadership in sponsoring health research that will help develop the factual data needed to answer questions -- before they become matters of public controversy. Instances are already known to most of us

where some public concern has been aroused by published reports suggesting involvement of mineral fibers in health problems.

We are proposing the establishment of a Mineral Fibers Research Institute that will be in the public interest as well as the industry's interest. Some scattered company-sponsored research is currently in progress but we believe all would be better served if a coordinated, well-planned and executive research program were to be conducted under the auspices of a research institute.

We hope you will be able to join us.

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Appendix D

HILL AND KNOWLTON, INC.

November 22, 1966

MEMORANDUM TO: F. J. Solon, Jr.
Johns-Manville Corporation

SUBJECT: Estimates for Asbestos-Health
Library and Literature Search

Although the nucleus of a reference library has been assembled, it is proposed that this activity be formalized, further developed and organized along the following lines.

1. A catalogue will be developed and maintained by broad subject for quick reference and retrieval; i.e., asbestosis, asbestos and cancer, mesothelioma, asbestos bodies, etc. Categories will not be maintained needlessly; the purpose is simplicity and usefulness. This is a new activity and will require more time at the beginning to catalogue existing papers than will be needed to keep the catalogue current as new papers come in.

2. Approximately 40 basic medical and scientific journals will be screened regularly by Hill and Knowlton, Inc. for relevant articles to be added to the library and catalogue.

3. Existing references are filed by author with cross-references in the case of multiple authors. Important previously published papers, not presently on file, will be obtained and included in the library and catalogue.

4. In addition, the checking service of the Philadelphia College of Physicians will be retained for providing references from about 2,000 English and foreign language medical journals for three subjects at a cost of $25 per year per subject. Subjects: Asbestos, Mesothelioma, Glass Fiber (including glass wool and fiberglas).

   Titles of references are reported each week on individual cards at an additional cost of 50 cents per reference. On receipt of the titles, complete papers, if not otherwise available, may be ordered at a cost of 25 cents per page. Translations from 19 foreign languages are also available, if desired, at costs per 100 words varying from $1.50 (German) to $3.25 (Japanese).

   The basic cost of the Philadelphia library service is estimated at about $100 per month, depending upon the number of references cited and number of full papers ordered. All such charges would be billed at cost to Johns-Manville.

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5. Maintenance of the library, index and catalogue, and analyzing published material would be a function of the Hill and Knowlton Environmental Health Unit. This would require part-time services of an account executive, librarian and secretary. During the catch-up period, of perhaps two or three months, more time may be required than later, when the system has been settled and only current literature screening is carried on.

Estimate of total costs, including staff time, billings from Philadelphia College of Physicians library, costs of reproduction of needed articles, some subscription charges, and incidentals, should be no more than $1,750 per month. This amount will not be in addition to staff charges currently being incurred for Johns-Manville, because some of that time has been devoted to the current literature screening and analysis. However, under this proposal, charges attributable to maintenance of the library can be segregated so that actual cost experience can be shown.

Special analyses of literature for "White Paper" additions or other position-type papers are not included in this estimate.

Carl Thompson

CT:sdd

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SIGNIFICANT

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