

IN THE COURT OF COMMON PLEAS OF FRANKLIN COUNTY, OHIO

Robert Chandler, et al
Plaintiffs,

vs.

Case No. 76-CV-11-4900
JUDGE SHOEMAKER

Armstrong Cork Company, et al
Defendants.

PLAINTIFF'S EXHIBIT

JM-2489

ANSWERS OF DEFENDANT JOHNS-MANVILLE SALES CORPORATION
TO INTERROGATORIES OF PLAINTIFFS

In accordance with the provisions of Rule 33, Federal Rules of Civil Procedure, Johns-Manville Sales Corporation, successor by merger with Johns-Manville Products Corporation, hereby answers the Interrogatories of Plaintiffs served on Defendant's counsel.

Defendant reserves the right to amend or supplement its Answers, if it finds that inadvertent omissions or errors have been made, or if additional or more accurate information becomes available.

1. State your correct name, age, residence, business address, occupation and relationship to Defendant, if any.

ANSWER: The following Interrogatories are answered by R. B. Von Wald, Vice President and Assistant General Counsel of Johns-Manville Sales Corporation, Ken-Caryl Ranch, Denver, Colorado.

2. Please state what products of Defendant manufactured, marketed, or distributed between 1952 and August, 1975 contain asbestos.

ANSWER: See Exhibit A attached hereto for a list of asbestos-bearing industrial thermal insulation products setting forth the years of production.

3. For each product listed in answer to the preceeding interrogatory, please state:

- a. The time period during which it was manufactured, marketed or distributed.
- b. The amount of sales of said products and time of said sales to the following entities:

COMPANY
FILE COPY

1. Service Products, Inc., Columbus, Ohio
2. McMahon Insulation, Mansfield, Ohio
3. Earl E. Bright, Columbus, Ohio
4. Pederson Insulation Co., Columbus, Ohio
5. Western Insulation, Odessa, Texas
6. Keene, Inc., Cincinnati, Ohio.

ANSWER: a. See Exhibit A and Answer to Interrogatory No. 2.

b. Defendant is presently searching for records which might enable it to respond to section (b) of this Interrogatory and will supplement its answer accordingly upon conclusion of its investigation.

4. Please state what substance is used in place of asbestos in any of the products that were previously manufactured, distributed, or sold by Defendant with asbestos in them, but are presently sold without asbestos.

ANSWER: The asbestos previously used in thermal insulation products was replaced by a combination of glass and organic fibers.

5. Please state when the substitute for asbestos first became available to Defendant.

ANSWER: Defendant began manufacturing and shipping these products in 1972.

6. Did the Defendant at any time between 1952 and August, 1975 make or cause to be made any repairs or alterations of the product or similar products containing asbestos (hereinafter "the product")?

ANSWER: Defendant ceased the manufacture of asbestos-containing industrial thermal insulation products in 1974, with the exception of certain accessory items containing locked-in asbestos. See Exhibit A attached hereto.

7. If the answer to the preceding interrogatory is in the affirmative, please state and describe each such repair or alteration, including, but not limited to such information as:

- a. The date of each such repair or alteration
- b. The nature of the repairs or alterations made

- c. The names and addresses of the person having custody or control of the originals or copies of records, reports, memoranda, receipts, work orders or other written documents pertaining to the repairs made.

ANSWER: See Answer to Interrogatory No. 6

8. Are, or were, any of the ingredients in the product or similar products as marketed and distributed between 1952 and August, 1975, known or potential pulmonary irritants?

ANSWER: Defendant objects to this Interrogatory on the grounds that the form of the question is improper in that the use of the term "pulmonary irritants" is totally lacking in specificity, is totally unrelated to the issues at bar and would require total speculation for response thereto.

9. Please state:

- a. A complete description, including dates, number of subjects of any tests of safety of products containing asbestos made by the defendant or any laboratory hired by the defendants.
- b. The name, title, and address of the person in charge of each such test.
- c. For each such test not done in the Defendant's own laboratory, the name and address of the testing laboratory.
- d. The results of each such test.
- e. The name, title and last-known address of the person or persons who have custody of the records relating to each such test.

ANSWER: Defendant is uncertain as to Plaintiff's use of the term "tests of safety". However, in an effort to respond to Plaintiffs' Interrogatory and assuming Plaintiff is seeking information on the relevant issue of the biological effects of asbestos, Defendant submits the following information. Preliminary, the significant difference between "asbestos workers," usually meaning workers in asbestos factories where 100% asbestos fiber is processed, and the "insulation workers," or "insulators," who work with products containing 15% or less asbestos fiber, must be clearly understood. Those studies involving "insulators" are as follows:

In 1968, Johns-Manville joined in the establishment of the Insulation Industry Hygiene Research Program of Mt. Sinai Hospital. The purposes of this study are:

- (1) To develop improved methods for minimizing inhalation by insulation workers of dust and fumes encountered in their work;
- (2) To disseminate knowledge of those improved methods of dust and fume control wherever they may be applied advantageously; and
- (3) To offer cooperation, advice and assistance toward universal adoption of these methods.

The Program Director is Irving J. Selikoff, M. D., Director of the Environmental Sciences Laboratory, Mt. Sinai School of Medicine, New York, New York. These studies have not been concluded. Reports have been published from time to time and circulated to the trade through the union and are presumably available to Plaintiff's attorney through the Director of the Program, Dr. Irving J. Selikoff. In 1969-1970 at Defendant's Research and Engineering Center at Manville, New Jersey, tests were conducted for the Insulation Industry Hygiene Research Program by Thomas J. Weeks and Allen F. Burns. A copy of the report on such tests entitled "Performance of Dust Respirators against a Fibrous Dust" by Messrs. Weeks and Burns, published in American Industrial Hygiene Association Journal (May-June 1970), is available for copying at the office of Defendant's counsel.

Additionally, an epidemiological study of the biological effects of asbestos dust among the Port of Genoa and LaSpezia Arsenal insulation workers, among others, is being conducted by the Clinica del Lavoro, Milano, Italy, under the sponsorship of the Institute of Occupational and Environmental Health, which Institute in turn is funded by the Quebec Asbestos Mining Association. Defendant is the principal contributor to the funding of the Quebec Asbestos Mining Association. This study was initiated early in 1968. This study has generated the following:

"Research Project: Epidemiological Study on the Biological Effects of Asbestos Dust at the Balangero Mine and among the Port of Genoa and LaSpezia Arsenal Insulation Workers" by Enrico C. Vigliani (June 16, 1972), Report Clinica del Lavoro "Luigi Devoto," a copy of which is available for inspection and copying at the office of Defendant's counsel.

Defendant, through its membership in the National Insulation Manufacturers Association, has funded, in part, the studies conducted by Dr. Clark Cooper, et al. at the University of California at Berkeley. The following have been generated by this study:

"Industrial Hygiene for Insulation Workers", by J. Leroy Balzer, published in the Journal of Occupational Medicine (January, 1968), a copy of which is available for inspection and copying in the office of Defendant's counsel.

"Environmental Exposures in the Insulation Trade" by J. LeRoy Balzer, published in NICA Outlook (April, 1970), a copy of which is available for inspection and copying in the office of Defendant's counsel.

"Evaluation and Control of Asbestos Exposures in the Insulating Trade", by Clark W. Cooper and J. LeRoy Balzer, 2nd International Conference Biological Effects of Asbestos, Dresden, (1968), a copy of which is available for inspection and copying in the office of Defendant's counsel.

"Asbestos in Relation to the Type of Fibre and Dose in the Insulation Industry", by W. Clark Cooper and J. Miedema, LYON Conference (October, 1972), a copy of which is available for inspection and copying in the office of Defendant's counsel.

The first of the studies under the direction of Dr. Cooper, mentioned above, was published in the Journal of Occupational Medicine (January, 1968) and reported to numerous persons and entities, including the Eleventh Annual Western Industrial Health Conference. The second study directed by Dr. Cooper, referred to above, was published in the National Insulation Contractors Association's magazine Outlook during or about 1970.

10. Please list the name, title and address of each person now or ever in the Defendant's employ who has had a part of his or her duties evaluation or the review of the evaluations of the safety or effectiveness of the product or similar products, and for each such person, outline the specific duties to the Defendant and the dates of these duties.

ANSWER: The following individuals have been involved in the field of industrial hygiene as the same relates to the use of asbestos and exposure to asbestos fibers:

Hugh M. Jackson
Director, Corporate Training and Management Development
P. O. Box 5723
Denver, Colorado 80217
Employed by Johns-Manville since 1937 - cost accountant;
Industrial Relations Department; Corporate Safety
Engineer.

Edmund M. Fenner
Director, Environmental Services
P. O. Box 5723
Denver, Colorado 80217
Employed by Johns-Manville since 1940; research engineer;
engineering project manager; Founding Director, En-
vironmental Control Department.

J. B. Jobe
2800 South University #64
Denver, Colorado 80120
Employed by Johns-Manville since 1936; sales clerk;
staff manager; special representative to the aviation
industry nationally; Regional Manager for Southern
California and operated insulation contract unit;
Merchandise Manager of Industrial Insulation Division;
Sales Manager, IID: Senior officer in charge of 5
divisions including industrial insulation, packaging
and frictions, Dutch Brand, Canada, and the Fibre
Division and later International; Executive Vice
President and Chief Operations Officer until retirement
in 1973.

K. W. Smith, M.D.
Last Known Address:
1505 Prince Road
Windsor 10, Ontario
Previously employed by Canadian Johns-Manville from
1944-46 as Medical Officer at Asbestos, P.Q.
Medical Director 1946-51. Medical Director, Johns-
Manville Corporation, New York, New York, approximately
1952 until 1966.

F. J. Solon
Vice President - Presidential Assistant
Vice President - Economic Affairs
P. O. Box 5723
Denver, Colorado 80217
Employed by Johns-Manville since 1961; Assistant
Director, Director and Vice President, Advertising
and Public Relations; Vice President Corporate
Relations; Vice President Environmental Affairs;
Vice President Environmental Relations.

William B. Reitze
Director, Health, Safety and Environment
P. O. Box 5723
Denver, Colorado 80217
Previously employed by CIBA Corporation in area of
toxicology, pharmacology; inspector with U.S. Depart-
ment of Health; Industrial hygiene health and safety,
Johns-Manville since 1969.

Clifford Sheckler
838 S. Drive
Metedezonk, New Jersey
Consultant
Previously employed by Johns-Manville as Construction
Engineer, Supervisor of Construction, Safety Engineer,
Supervisor of Safety and Industrial Hygiene, Corporate
Manager of Industrial Health, Manager of Occupational
and Environmental Control.

Paul Kotin, M.D.
Senior Vice President, Health Safety and Environment
P. O. Box 5723
Denver, Colorado 80217
Employed by Johns-Manville since June, 1974.

11. On any occasion did the Defendant consult with any scientists, physicians, or other technical or medical personnel as to the safety of the product?

ANSWER: See Answer to Interrogatory No. 9.

12. If the answer to the preceding interrogatory is in the affirmative, please state, as to each such occasion:

- a. The date.
- b. The name, title, occupation and address of each person consulted.
- c. A full and complete description of the substance of the information which was received.

ANSWER: See Answer to Interrogatory No. 9.

13. On how many occasions prior to August, 1975, was the Defendant advised through his agents or employees that anyone had experienced an occurrence similar to the Plaintiff's occurrence with regard to similar products of the Defendant.

ANSWER: Defendant has no knowledge as to "Plaintiff's occurrence" or products to which Plaintiff might have been exposed, and accordingly is unable to responsibly respond to this Interrogatory at this time.

14. For each of the individuals referred to in the preceding interrogatory who experienced occurrences similar to the Plaintiff's occurrence, please give the following information:

- a. A complete identification, including name, address, telephone number and place of employment.
- b. The date of the occurrence.
- c. The location of the place where the occurrence happened.
- d. The reason given to any agent or employee of the defendant by the person who experienced the occurrence as to the cause of such occurrence.

ANSWER: See Answer to Interrogatory No. 13.

15. If there has ever been any litigation initiated against the defendant concerning the product, similar products or comparable products, please:

- a. Give the title and date of each such action.
- b. Outline the contents of the complaint filed in each such action.
- c. State the name and address of the court involved.
- d. Give the name and address of the attorney for the plaintiff in each such action.

ANSWER: See Exhibit B attached hereto for a list of litigation regarding asbestos-containing thermal insulation products. Included in that list is the caption of each case identifying the court in which the case is pending and the case number.

Defendant objects to the balance of this Interrogatory, as the same is a matter of public record contained in the court file of each respective case and available to Plaintiff.

16. Does the defendant contend that the defendant and all agents and employees of the defendant had no knowledge whatsoever of any hazard, danger, defect, or defective condition existing in the products or in the use of the products prior to the alleged occurrence of asbestosis in August, 1975?

ANSWER: No. In late, 1964, when Dr. Irving J. Selikoff, et al, made public the contents of a paper entitled "The Occurrence of Asbestosis Among Insulation Workers in the United States" by I. J. Selikoff, et al, published in the Annals of New York Academy of Sciences, Vo. 132, Art. 1 (Dec. 1965), the asbestos industry or the scientific or medical world perceived that there was a possible danger in the United States to the health of those working with and/or installing and/or applying finished industrial insulation products such as those manufactured by Defendants.

17. If the answer to the preceding interrogatory is in the negative, please identify all hazards, dangers, defects or defective conditions in the product of which the defendant, its agents, or its employees had knowledge prior to August, 1975, stating for each such hazard, danger, defect or defective condition:

- a. How the defendant or its agent or employee gained such knowledge.
- b. The identity, by name, address and job title of the agent or employee of the defendant who first acquired such knowledge.
- c. When such knowledge was acquired.
- d. A full description of the hazard, danger, defect or defective condition.

- e. The probable cause of the hazard, danger, defect or defective condition.
- f. The possible results of such hazard, danger, defect or defective condition which the defendant foresaw.

ANSWER: See Answer to Interrogatory No. 16.

18. Does the defendant claim that the existence of the hazard, danger, defect or defective condition in the product which allegedly caused the Plaintiff's injury was not foreseeable to the defendant prior to August, 1975?

Answer: See Answer to Interrogatory No. 16. The possible hazard or danger to insulation workers was not foreseeable prior to the Selikoff work in 1964.

19. Please state:

- 1. The date and name of the agent of Defendant who became aware of the following publications and,
- 2. The action, if any, taken by Defendant in response to the information in the following articles and publications:
 - a. Cooke, Fibrosis of the Lungs Due to the Inhalation of Asbestos Dust, 2 Brit. Med. J. 147 (1924).
 - b. Cooke, Pulmonary Asbestosis, 2 Brit. Med. J 1 024 (1927).
 - c. Merewether and Price, Report on the Effect of Asbestos Dust on the Lungs and Dust Suppression in the Asbestos Industry (1930).
 - d. Ellman, Pneumoconiosis, 14 Brit. J. Radiol. 361 (1934).
 - e. Lanza, Asbestosis, 106 J.A. M.A. 368 (1936).
 - f. Dreessen, et al, A Study of Asbestosis in the Asbestos Textile Industry, Public Health Bull. No. 241 (1938).
 - g. Fleischer, et al, A Health Survey of Pipe-Covering Operations in Constructing Naval Vessels, 28 J. Indust. Hyg. 9-16 (1945).
 - h. Documentation of the Threshold Limit Values for Substances in Workroom Air, A. C.G.I.A., (3rd. Ed. 1971).

- i. Selikoff, et al, The Occurrence of Asbestosis Among Insulation Workers, 132 Ann. New York Acad-Sc. 139 (1965).
- j. Selikoff, et al, Asbestosis and Neoplasia, 42 Am. J. Med. 487 (1967).
- k. H.R. Rep. No. 14816, 90th. Cong. 2d. Sess. 349, 355 (1968).
- l. Occupational Safety and Health Act of 1970, 29 USG §651.

ANSWER: 1. Defendant is aware of all of the publications or documents (a) through (l), inclusive, as set forth in this Interrogatory. It is impossible to state the precise date of awareness or the individual who first had knowledge of the publication. For all the publications listed (a) through (l) inclusive, Defendant's knowledge would have generally been contemporaneous with the publication of the document or within a reasonable time thereafter.

2. It is impossible to state with any precision action taken in response to any particular paper or publication except as otherwise hereinafter set forth. Publications in the medical/scientific literature cumulatively served to expand Defendant's awareness of what was known in the medical and scientific and governmental communities as to the biological effects of asbestos. The Dreessen study, item (f), recommended a threshold limit, which Defendant voluntarily accepted and adhered to. The Selikoff paper, item (i), was the first epidemiological study indicating a possible hazard to insulation workers exposed to asbestos-containing thermal insulation materials, and in response thereto, Defendant commenced labeling its asbestos-containing thermal insulation products in September, 1964. The Selikoff paper had the effect of contradicting and overruling the Fleischer paper, item (g), which had been the only prior epidemiological study of asbestos insulation workers and which had concluded that such occupation was relatively safe. In addition, and in response to the Selikoff paper, Defendants have participated in, and contributed to, the informational and educational program of the National Insulation Manufacturers Association. This program is designed to educate the insulation contractors' industry with respect to the health aspects of fibrous materials through regional meetings of insulation contractors'

associations. The purpose of these meetings is to aid the contractors in minimizing or eliminating the inhalation of, among other things, asbestos fibers by those working with and/or installing and/or applying the products of Defendant, Johns-Manville Products Corporation, and other manufacturers, i.e., industrial insulation applicators. In 1967, and again in 1968, programs have been presented at the regional meetings of industrial insulation contractors. Approximately 400 industrial insulation contractors have attended each year. These programs include a verbal review (of approximately three hours' duration) of the biological effects of fibrous materials, the threshold limit value of fibrous materials, methods for evaluating concentrations of dust, and engineering and method change recommendations to assist the contractors in dust abatement and environmental control. In addition to the verbal presentations, booklets have been prepared by the National Insulation Manufacturers Association (NIMA), largely through Defendant's participation and efforts. The booklet entitled "Recommended Safe Practices for Handling and Applying Thermal Insulation Products Containing Asbestos", printed May 1, 1968, described above was written by members of the NIMA Education and Information Committee. The Chairman of the Committee was Clifford L. Sheckler, who, at that time, was also Manager, Accident Prevention and Health Administration of Johns-Manville Corporation. Other members of the Committee included John Vyverberg, Owens-Corning Fiber Glass Corporation, Harry Mesler, Ruberoid Company; Leon Horowitz, Certain-teen Corporation; and Jack Barnhart, Executive Secretary of the National Insulation Manufacturers Association. The aforesaid booklet was produced and circulated during the 1968 meetings. Also, subsequent to the meetings with the contractors, considerable work has been done in conjunction with environmental control, especially in the area of fixed machinery and equipment.

In 1968, Johns-Manville joined in the establishment of the Insulation Industry Hygiene Research Program of Mt. Sinai Hospital. The purposes of this study are:

- (1) To develop improved methods for minimizing inhalation by insulation workers of dust and fumes encountered in their work;

- (2) To disseminate knowledge of those improved methods of dust and fume control wherever they may be applied advantageously; and
- (3) To offer cooperation, advice and assistance toward universal adoption of these methods.

The Program Director is Irving J. Selikoff, M.D., Director of the Environmental Sciences Laboratory, Mt. Sinai School of Medicine, New York, New York. These studies have not been concluded.

In response to the passage of the Occupational Safety and Health Act of 1970, item (1), as the same related to asbestos, the Company complied with the provisions of such law.

20. Does the defendant consider the product or similar products dangerous?

ANSWER: Asbestos-containing thermal insulation products can be safely handled and used.

21. Please list and identify all items of printed or published materials including data sheets and test results by or for the defendant which refer to the uses, safety and side effects of the product or similar products, and with respect to each such item, please state:

- (a) The date it was distributed or printed.
- (b) The manner in which it was distributed.
- (c) The name, title and address of its author and the nature of his relationship to the defendant.

ANSWER: Since approximately 1940, Defendants have, on a continuing basis, furnished customers information as to the proper use and application of its insulating products. Answering Defendant and affiliates have directly or indirectly advised industrial insulation contractors to utilize ventilation equipment, good housekeeping procedures, and personal protective equipment, such as respirators, at the sites where finished insulation products were being worked with and applied. Those respirators which have been recommended are approved by NIOSH (formerly the responsibility of the United States Bureau of Mines) for use as protection against pneumoconiosis-producing dusts.

Defendants have also affixed caution instructions to its industrial thermal insulation products which contain asbestos and

which might release dust upon application regarding the handling of these products described in answer to Interrogatory No. 22.

Defendants also distributed to customers copies of the following booklet providing instructions designed to reduce health and safety risks in the fabrication, handling and application of asbestos products.

"Recommended Health Safety Practices for Handling and Applying Thermal Insulation Products Containing Asbestos" (1968), a copy of which is available for copying in the office of Defendant's counsel.

Defendants have participated in, and contributed to, the informational and educational program of the National Insulation Manufacturers Association. This program is designed to educate the insulation contractors' industry with respect to the health aspect of fibrous materials through regional meetings of insulation contractors' associations. The purpose of these meetings is to aid the contractors in minimizing or eliminating the inhalation of, among other things, asbestos fibers by those working with and/or installing and/or applying the products of Defendant, Johns-Manville Products Corporation, and other manufacturers, i.e., industrial insulation applicators. In 1967, and again in 1968, programs have been presented at the regional meetings of industrial insulation contractors. Approximately 400 industrial insulation contractors have attended each year. These programs include a verbal review (of approximately three hours' duration) of the biological effects of fibrous materials, the threshold limit value of fibrous materials, methods of evaluating concentrations of dust, and engineering and method change recommendations to assist the contractors in dust abatement and environmental control. In addition to the verbal presentations, booklets have been prepared by the National Insulation Manufacturers Association (NIMA), largely through Defendant's participation and efforts. The booklet entitled "Recommended Safe Practices for Handling and Applying Thermal Insulation Products Containing Asbestos", printed May 1, 1968, described above, was written by members of the NIMA Education and Information Committee. The Chairman of the Committee was Clifford L. Sheckler, who, at that time, was also Manager, Accident Prevention and Health

Administration of Johns-Manville Corporation. Other members of the Committee included John Vyverberg, Owens-Corning Fiber Glass Corporation; Harry Mesler, Ruberoid Company; Leon Horowitz, Certain-teed Corporation; and Jack Barnhart, Executive Secretary of the National Insulation Manufacturers Association. The aforesaid booklet was produced and circulated during the 1968 meetings. Also, subsequent to the meetings with the contractors, considerable work has been done in conjunction with environmental control, especially in the area of fixed machinery and equipment.

22. On any occasion has the defendant given a warning to users of the product or similar products or taken other activities in regard to possible dangers in the use thereof:

ANSWER: Defendant placed warning notices on the packaging of its thermal insulation products which contained asbestos which might release dust upon installation. The warning labels and the dates of use are as follows:

CAUTION

THIS PRODUCT CONTAINS ASBESTOS FIBER.

INHALATION OF ASBESTOS IN EXCESSIVE
QUANTITIES OVER LONG PERIODS OF TIME
MAY BE HARMFUL.

IF DUST IS CREATED WHEN THIS PRODUCT
IS HANDLED, AVOID BREATHING THE DUST.

IF ADEQUATE VENTILATION CONTROL IS NOT
POSSIBLE, WEAR RESPIRATORS APPROVED BY
THE U.S. BUREAU OF MINES FOR PNEUMOCO-
NIOSIS-PRODUCING DUSTS.

(1964-1970)

CAUTION

THIS PRODUCT CONTAINS ASBESTOS FIBER.

AVOID BREATHING THE DUST. INHALATION
OF ASBESTOS IN EXCESSIVE QUANTITIES
OVER LONG PERIODS OF TIME MAY BE HARMFUL.

IF DUST IS CREATED WHEN THIS PRODUCT
IS HANDLED, USE PROPER PROTECTION.

IF PROPER DUST CONTROL CANNOT BE PROVIDED,
RESPIRATORS APPROVED BY THE U. S. BUREAU OF
MINES FOR PROTECTION AGAINST PNEUMOCONIOSIS-
PRODUCING DUSTS SHOULD BE WORN.

(1970-1972)

CAUTION
CONTAINS ASBESTOS FIBER
AVOID CREATING DUST
BREATHING ASBESTOS DUST MAY CAUSE
SERIOUS BODILY HARM

(1972-Present)

These warnings or some modification thereof were used on the packaging of all industrial thermal insulation products of Defendant which contain asbestos which might release dust upon application. Use of warning labels was commenced during 1964. Defendant used such warning notices because in 1964, it was reported by a member of the medical profession that there might exist a risk to some persons who installed industrial insulation products containing asbestos, in that inhalation of excessive quantities of asbestos fibers over prolonged periods of time under certain conditions might create a risk of the contracting of asbestos is to some persons. The label presently in use is prescribed by the United States Department of Labor, Occupational Safety and Health Administration (OSHA) pursuant to 29 C.F.R. Sec. 1910.1001, such regulation being promulgated by OSHA in 1972.

In addition, sales and service personnel, whose identity is presently unknown to Defendant, may have in the ordinary course of business communicated information to those using products manufactured by Johns-Manville Products Corporation or employees installing such products as the the then current threshold limit values.

23. If the answer to the preceding interrogatory is in the affirmative, please state as to each such occasion:

- (a) The date.
- (b) The manner in which the warning was given.
- (c) The wording of the warning or nature of the activity.

ANSWER: See Answer to Interrogatory No. 22.

24. Please list and identify all items of materials printed or published by or for the defendant which refer to the use, safety and side effects of the product and with respect to each such item, please state:

- (a) The date it was distributed.
- (b) The manner in which it was distributed.
- (c) The name, title and address of its author and the nature of his relationship with the defendant.

ANSWER: A booklet entitled, "What You Should Know About Asbestos and Health", published by Johns-Manville Corporation in January of 1975, a copy of which is available for inspection and/or copying at the office of Defendants' attorneys. This booklet was distributed to all employees at all locations using asbestos fiber or handling products containing asbestos fiber.

A booklet entitled, "What Every Employee Should Know About Asbestos", published by Johns-Manville Corporation in 1973, a copy of which is available for inspection and/or copying at the office of Defendants' attorneys. This booklet was distributed to all employees at all locations using asbestos fiber or handling products containing asbestos fiber.

A pamphlet entitled, "Recommended Safety Practices for Handling Asbestos Fiber", published by Johns-Manville Corporation in November, 1973, a copy of which is available for inspection and/or copying at the office of Defendants' attorneys. This pamphlet was distributed to all employees at all locations using asbestos fiber or handling products containing asbestos fiber.

An employee notification form entitled "Dear Johns-Manville Employee", published by Johns-Manville Sales Corporation, a copy of which is available for inspection and/or copying at the office of Defendants' attorneys. This was inserted in paychecks of all employees at all Johns-Manville Sales Corporation contract units beginning in 1970.

Since 1976, Defendant has made available a Catalog of Occupational/Environmental Health and Safety Programs as listed below. All the publications, audio-visual programs and other material listed in this catalog are available to Johns-Manville customers and public interest groups as well as to all Johns-Manville personnel.

A pamphlet entitled, "Occupational Health Guide - Asbestos", published by Johns-Manville in 1976, a copy of which is available for inspection and/or copying at the office of Defendants' attorneys. This guide is designed as a reference for supervisory personnel.

A 25-minute slide/tape presentation on industrial hygiene programs at Johns-Manville.

A 20-minute slide/tape program on health aspects of working with asbestos.

A 25-minute motion picture on occupational health risks associated with asbestos fiber.

A newspaper entitled, "The Asbestos Report", published by Johns-Manville in 1976, a copy of which is available for inspection and/or copying at the office of Defendants' attorneys.

In addition, over the several years last past, there have been many oral presentations and meetings at the plant level concerning safety practices related to asbestos exposure.

Also, Defendant has cooperated with the Asbestos Information Association in the production of the following booklets:

"Recommended Work Practices - Molding and Fabrication of Asbestos-Containing Plastic Products".

"Recommended Work Practices - Fabrication and Use of Asbestos Friction Materials".

"Recommended Work Practices - Fabrication and Use of Asbestos Paper Products".

"Recommended Work Practices - Shop and Field Fabrication of Asbestos Sheet Products".

"Recommended Work Practices - Use and Handling of Asbestos Textile Products".

Such booklets may be obtained from the AIA, 1600 L Street, N.W. Washington, D.C. 20036.

Additionally, Defendants participated in 1971 through the Occupational Health and Safety Committee of the National Insulation Contractors Association in the preparation of a booklet entitled, "Safety Reminders". Such booklet is available from NICA, 8630 Fenton Street, Silver Spring, Maryland 20910, at a cost of 60 cents per copy.

Also see Answer to Interrogatory No. 21.

25. Did the defendant or any agent or employee of the defendant affix or attach or caused to be affixed or attached to the product or to the package in which the product was sold prior to August, 1975, any label, tag, directions, instructions or other writings?

ANSWER: See Answer to Interrogatory No. 22

26. If the answer to the preceding interrogatory is in the affirmative, please state and describe in complete detail for each such tag or label:

- (a) Its purpose.
- (b) Its contents.
- (c) Its position on the products or the packaging containing the product.
- (d) The colors and size of type used.
- (e) The name, address and job title of the person who composed or formulated the wording on the tag or label.

ANSWER: (a) To warn.

(b) See Answer to Interrogatory No. 22.

(c) On the exterior of the box or bag in which the product is contained.

(d) The color and size of type varied.

(e) See Answers to Interrogatories Nos. 32 and 44.

27. If the defendant will do so without a motion to produce, please attach a complete sample label for all similar products since 1952.

ANSWER: See Answer to Interrogatory No. 22.

28. Were there any pamphlets, instruction booklets, brochures, manuals or other printed matter distributed with or in conjunction with the sale of the product?

ANSWER: See Answers to Interrogatories Nos. 21 and 24.

29. If the answer to the preceding interrogatory is in the affirmative, please state and describe in complete detail, for each such booklet, manual, pamphlet, brochure or piece of printed matter:

(a) Its purpose.

(b) Its contents.

(c) Its size, in number of pages, number of lines per print per page, and the number of diagrams, charts, etc.

(d) The colors used.

(e) The sizes of print used.

(f) The name, address and job title of the person at whose order or direction it was included or distributed with the product.

(g) The name, address and job title of the person who composed or formulated the wording or copy in the piece of printed matter.

ANSWER: See Answer to Interrogatory No. 28.

30. Did the defendant send or distribute or cause to be sent or distributed any warnings, directions, instructions or other printed matter concerning the product between 1952 and August, 1975?

ANSWER: See Answer to Interrogatories Nos. 21, 22 and 24.

31. If the answer to the preceding interrogatory is in the affirmative, please state and describe in complete detail, for each such warning or piece of printed matter:

- (a) Its contents.
- (b) The purpose for which it was sent.
- (c) The name and address of the person to whom it was sent.
- (d) The date on which it was sent.
- (e) The name, address and job title of the person at whose order or direction it was sent.
- (f) The medium or means of communication or transportation by which it was sent.
- (g) Any means or devices employed to insure that the plaintiff or the owner of the product would receive the warning or printed matter.
- (h) Whether the plaintiff or the owner of the product ever received it, to the best knowledge of the defendant.

ANSWER: See Answer to Interrogatory No. 30.

32. If there have been any changes in such label, insert, or other information, please state the reasons therefor and the name and address of the person who recommended or ordered the change.

ANSWER: See Answer to Interrogatory No. 22 for the dates each label was in effect. The change of labeling in 1972 was mandated by the Federal government under the Occupational Safety and Health Act of 1970 and the standard promulgated thereunder for exposure to asbestos and under the direction of an informal labeling committee at Johns-Manville World Headquarters composed of members of the Environmental Control, Employee Relations and Product Marketing Departments.

33. Were there printed on the product any notations of danger or warning or instructions as to use or operation of the product?

ANSWER: See Answer to Interrogatory No. 22.

34. If the answer to the preceding interrogatory is in the affirmative, please state:

ANSWER: See Answer to Interrogatory No. 22.

35. Please describe how and in what manner the defendant recommended the use of any and all safety equipment, or other implements, stating for each:

- (a) The nature of the safety equipment recommended.
- (b) How and in what manner said equipment was recommended, stating if in writing or orally.
- (c) To whom said safety procedure was recommended.

ANSWER: See Answers to Interrogatories Nos. 21 and 22.

36. Did the defendant provide any demonstrations of the product or similar products, any oral descriptions of the uses or operational characteristics of the product, any oral instructions concerning the care and maintenance of the product, or any oral warnings about the dangers or limitations of the product to the plaintiff or to the purchasers of the product?

ANSWER: See Answers to Interrogatories Nos. 21 and 28.

37. If the answer to the preceding interrogatory is in the affirmative, please give:

- (a) The exact content of any such demonstrations, descriptions, instructions, or warnings.
- (b) The names and addresses of the persons who gave any such demonstrations, descriptions, instructions or warnings.
- (c) The training, experience or qualifications of such persons, enabling them to give such demonstrations, descriptions, instructions or warnings.

ANSWER: See Answers to Interrogatories Nos. 21 and 28.

38. Did any materials describing the recommended or proper use of the similar products also contain descriptions of the dangers possibly resulting from deviations from the recommended procedures?

ANSWER: Yes. See Answers to Interrogatories Nos. 21, 22 and 24.

39. If the answer to the preceding interrogatory is in the affirmative, please describe the content of the statements, the materials in which they appear, and the manner in which these materials were distributed.

ANSWER: See Answer to Interrogatory No. 38 above.

40. Has the defendant ever conducted any recall campaigns, operations, programs, or activities which involved the product or similar products.

ANSWER: No.

41. If the answer to the preceding interrogatory is in the affirmative, please state and describe in complete detail each such

recall campaign, operations, program or activity, including but not limited to such information as:

- (a) The exact date of the announcements or beginning of the campaign or operations.
- (b) The purpose of the campaign or operation, in terms of potential or real defects sought to be checked and/or corrected.
- (c) The types or model of products involved in the campaign or operation.
- (d) The number of products of each type referred to in subsection (c) sought to be examined and/or corrected.
- (e) The number of products of each type actually examined and/or corrected.
- (f) Whether the product was examined or corrected.
- (g) The date and location of the examination or correction.
- (h) The address of the person performing the examination or correction.

ANSWER: Not applicable.

42. If on any occasion the product or similar products have ever been taken off the market, please state as to each such occasion:

- (a) The date.
- (b) The name, title, occupation and address of the person who ordered that action.
- (c) The reason such product was taken off the market.
- (d) The dates of the time interval during which such product remained off the market.
- (e) The circumstances which led to its being put back on the market.

ANSWER: No.

43. Please state the names, titles and addresses of the defendant's advertising agents who are or were employed or used in connection with the promotion of the product or similar products, and give a summary of all the instructions given to such agents regarding the uses, safety and side effects of the product or similar products.

ANSWER: During the last six years, advertising managers that have been concerned directly with Industrial Insulation advertising and promotion are Hal Hastings, no longer with Johns-Manville, and

Larry Hall, currently Senior Advertising Manager, Industrial Divisions, Johns-Manville Corporation, P. O. Box 5723, Denver, Colorado 80217. From the mid-1950's until 1970, the advertising agency used was Cunningham & Walsh, Inc., 260 Madison Avenue, New York, NY. During 1970 and 1971 the agency was Warner, Bicking and Fenwick, 866 United Nations Plaza, New York, NY. During 1972 and 1973, the agency was Campbell-Mithun, 200 Fillmore, Denver, Colorado. Since the Fall of 1973, all industrial advertising has been handled by Broyles, Allebaugh & Davis, Inc., 31 Denver Technological Center, Englewood, Colorado.

See Exhibit C attached hereto. Advertising records encompassing the period of time preceding that set forth in Exhibit C are no longer in existence, the same having been destroyed in the regular course of business and due to a change in corporate advertising agencies.

44. What is the name, title and address of the person who has or had charge of labeling of the product?

ANSWER: Since the Fall of 1974, all corporate labeling activities have been within the jurisdiction of the Corporate Labeling Committee. The present Chairman of the Corporate Labeling Committee is Paul Kotin, M.D., Senior Vice President. For activities prior to 1974, see Answer to Interrogatory No. 32.

The labeling of products is now the direct responsibility of each Product Manager in conjunction with the Corporate Labeling Committee.

45. If the defendant uses or has used salesmen in connection with the marketing of the product, please give a full and complete account of all of the instructions given at any time to each such salesman with respect to the uses, safety and side effects or other effects of the product or similar products.

ANSWER: Defendant objects to this Interrogatory on the grounds that the same is unlimited in time, scope and location, and accordingly is unduly burdensome.

46. Is the product or similar products toxic or poisonous?

ANSWER: No.

47. Has the defendant ever been cited, criticized or reprimanded or have any product or similar products ever been seized by any

public official because of an alleged violation of O.S.H.A., or of the Hazardous Substances Act or other government regulation concerning product safety?

ANSWER: Defendant objects to this Interrogatory on the grounds that the same is irrelevant and immaterial and not reasonably calculated to lead to the discovery of admissible evidence.

48. If the answer to the preceding interrogatory is in the affirmative, please detail each and every such citation, reprimand, criticism, or seizure of similar or comparable products in which the defendant has been involved, including the date of each such seizure and the name and address of the person who has custody of the records relating to each such seizure.

ANSWER: See Answer to Interrogatory No. 47.

49. Please state the names, titles and addresses and titles of all persons known to the defendant who have expressed their opinions or beliefs that:

- (a) The product or similar products was not adequately tested and evaluated prior to marketing by the defendant.
- (b) The labeling and advertising and promotional literature for the product was inadequate, inaccurate or incomplete.

ANSWER: Defendant objects to this question on the grounds that the same is overly broad, burdensome and constitutes an improper discovery procedure. Questions calling for "all" people or sum totals of knowledge are improper. Further, such question requires this Defendant to identify each and every person who Plaintiff might utilize to testify against this Defendant, and accordingly is tantamount to this Defendant preparing Plaintiff's case, which it has no requirement to do.

50. With respect to the expressions referred to in the preceding interrogatory, please state as to each such expression of opinion or belief:

- (a) The date it was made.
- (b) The circumstances under which it was made.
- (c) The identity of the person who made it.
- (d) A full and complete account of its substance.

- (e) Whether it was made in writing or has been reduced thereto, and the names, titles and addresses of the persons presently having custody thereof.

ANSWER: See Answer to Interrogatory No. 49.

51. Please state the names, titles and addresses of all persons known to the defendant who have expressed their opinions or beliefs that the risks of harmful and serious injuries or side effects outweigh the potential benefits or uses of the product.

ANSWER: See Answer to Interrogatory No. 49.

52. With respect to the expressions, opinion or belief referred to in the preceding interrogatory, please state as to each such expression, opinion or belief:

- (a) The date it was made.
- (b) The identity of the person who made it.
- (c) A full and complete account of its substance.
- (d) Whether it was made in writing or reduced thereto and if so, the names, titles and addresses of the persons presently having custody thereof.

ANSWER: See Answer to Interrogatory No. 51.

53. On any occasion, has the Food & Drug Administration, O.S.H.A. or any other governmental body required the addition of a warning or contraindication to the labeling of the product or of similar products?

ANSWER: Yes, O.S.H.A. See 29 CFR 1910.1001, et. seq.

54. If the answer to the preceding interrogatory is in the affirmative, please state, as to each such occasion:

- (a) The date.
- (b) The nature of the addition required.
- (c) The reason the addition was required.

ANSWER:

- (a) July 7, 1972.
- (b) 29 CFR 1910.1001 et. seq. speaks for itself.
- (c) 29 CFR 1910.1001 et. seq. speaks for itself.

55. Does the defendant or any agent or employee of the defendant have any knowledge of any sets of standards which apply to the design, manufacture, composition and/or distribution of the product or similar

products and which have been proposed by any industry, government, professional, trade, or private group or association?

ANSWER: Defendant objects to this Interrogatory on the grounds that the same is overly broad, lacks specificity and as phrased is impossible to answer in its present form.

56. If the answer to the preceding interrogatory is in the affirmative, please identify completely each such set of standards, with specific reference to:

- (a) The proposed or interim title of the standards.
- (b) The name and address of the group or association which has proposed such set.
- (c) The date of such proposal.
- (d) The place, book, letter, periodical or other publication in which the set has been proposed.

ANSWER: Not applicable.

57. Please state the names of all industry, professional or trade or private groups or associations of which the defendant is a member.

ANSWER: Johns-Manville belongs or has belonged to the following organizations:

Thermal Insulation Manufacturers Association, Inc.
441 Lexington Avenue
New York, NY 10017
(approximately 1969 to present)

National Insulation Contractors Assn.
8630 Fenton Street
Silver Springs, Maryland 20910
(- present)

National Insulation Manufacturers Association, Inc.
441 Lexington Avenue
New York, NY 10017
(approximately 1958 to 1968)

Asbestos Information Association/North America
Suite 402
1835 K Street, N.W.
Washington, D.C. 20006
(approximately 1971 to present)

Asbestos Textile Institute
P.O. Box 471
Willow Grove, Pennsylvania 19090
(approximately 1946 to 1973)

Quebec Asbestos Mining Association
Suite 412, 5 Place Ville Marie
Montreal, Canada H3B 2G2
(approximately 1930 to present)

Asbestos Cement Pipe Producers Association
Suite 1308
1600 Wilson Blvd.
Arlington, VA 22209
(approximately 1972 to present)

Asbestos Cement Product Assn. (defunct)
New York, New York
(approximately 1955 to 1967)

58. For each of the groups or associations referred to in the preceding interrogatory, please state each and every set of standards relating to the design, manufacture, composition or distribution of the product or similar products which have been proposed or promulgated by each such group or association.

ANSWER: Defendant knows of no such standards.

59. Has the defendant ever participated in or contributed to or is the defendant now participating in or contributing to the establishment, proposal, drafting, or criticism or any sets of standards which relate to the design, manufacture, composition or distribution of the product, similar products, or comparable products and which are being established or proposed by any industry, professional, trade or private group or association, whether or not the defendant is a member thereof?

ANSWER: Defendant knows of no such standards.

60. If the answer to the preceding interrogatory is in the affirmative, please:

- (a) Identify completely each and every set of standards referred to in the preceding interrogatory.
- (b) Describe completely the extent of the defendant's participation in or contribution to the establishment, proposal, drafting or criticism of such sets of standards.
- (c) State the dates during which the defendant is or has been involved in the establishment, proposal, drafting or criticism of each such set.
- (d) State the name and address of the group or association responsible for the establishment or proposal of each such set of standards.

ANSWER: Not applicable.

61. With regard to the design, manufacture, composition, or distribution of the product or similar products, has the defendant ever violated or not complied with any of the standards listed heretofore in these interrogatories?

ANSWER: Not applicable.

62. If the answer to the preceding interrogatory is in the affirmative, please identify the exact standards violated or not complied with and describe in complete detail the act or omission which constituted the violation or act of non-compliance.

ANSWER: Not applicable.

63. If defendant maintains that plaintiff, Robert Chandler, misused the product, please state with particularity your basis for that allegation.

ANSWER: Defendant is unable to answer at the present time. Information necessary to respond to this Interrogatory will be developed upon discovery.

64. If defendant maintains that plaintiff, Robert Chandler, was guilty of contributory negligence, please state with particularity your basis for that assertion.

ANSWER: See Answer to Interrogatory No. 63.

65. If defendant maintains that the instant action was not commenced within the time limit of the statute of limitations, please state with particularity your basis for that allegation.

ANSWER: Defendant objects to this Interrogatory on the grounds that the same represents improper discovery practices on the part of Plaintiff, to which Defendant need not respond.

66. If defendant maintains that the complaint of plaintiffs in the instant action fails to state a cause of action, please state with particularity your basis for asserting that defense.

ANSWER: Defendant objects to this Interrogatory on the grounds that the same represents improper discovery practices on the part of Plaintiff, to which Defendant need not respond.

Dated this _____ day of _____, 1977.

James S. Oliphant
Porter, Wright, Morris & Arthur
Attorneys for Defendant, Johns-
Manville Sales Corporation
37 West Broad Street
Columbus, Ohio 43215

AFFIDAVIT

STATE OF COLORADO)
) ss:.
COUNTY OF JEFFERSON)

R. B. VON WALD being duly sworn according to law deposes and says that he is Assistant General Counsel of JOHNS-MANVILLE CORPORATION and JOHNS-MANVILLE SALES CORPORATION, successor by merger to JOHNS-MANVILLE PRODUCTS CORPORATION, defendants in this action, that he is authorized to take this Affidavit on their behalf and that the facts set forth in the foregoing pleading are true and correct to the best of his knowledge, information and belief.

Wald *R. B. Von Wald*
R. B. VON WALD

Sworn and subscribed to
before me this 10th day
of July, 1976.

[Signature]
NOTARY PUBLIC

My Commission expires ~~Nov. 19, 1979~~

My Commission expires June 10, 1981

EXHIBIT B

Adams, Pauline, Executrix of the Estate of Dewey Adams, Deceased v. Combustion Engineering, Inc., Johns-Manville Products Corp., et al
Court of Common Pleas, Greenville County, State of South Carolina
Unnumbered

Adams, Doris Maxine, Executrix of the Estate of Edward Lee Adams, v. Combustion Engineering, Inc., et al
U.S. District Court, Southern District of West Virginia at Huntington
Civil Action No. 77-3084

Adkins, Doreen, Administratrix of the Estate of Donald Adkins, v. Combustion Engineering, Inc., J-M Sales Corp., J-M Products Corp., J-M Fiber Glass, Inc. et
U.S. District Court, Southern District West Virginia, Huntington
Civil Action No. 77-3032

Afflerbach, Catherine M. v. Johns-Manville, et al
Eighth Judicial District Court, State of Nevada, County of Clark
Case No. A 132424

Alessi, Joseph, et al v. Johns-Manville, et al
United States District Court for the District of New Jersey
Civil Action No. 76-1817

Allore v. Johns-Manville Products Corp., et al.
U. S. District Court, Northern District of Ohio, Eastern Division
Civil Action No. C-76-447

Allvord, Omar v. Johns-Manville Sales Corporation., et al
United States District Court for the District of Connecticut
Civil Action No. H 76-333

Anderson, Walter S. v. Johns-Manville Corporation, et al
U.S. District Court, Eastern District Virginia, Richmond Div.
Civil Action No. 77-0089-R

Andrews, William, et al v. Johns-Manville Corp., et al
U.S. District Court, District of New Jersey
Civil Action No. 77-0580

Antholz vs. Fibreboard Paper Products, et al
United States District Court for District of Minnesota, 5th Division
Case No. 5-70 Civ. 105

Apostoli, Bridget, Executrix of the Estate of Vincenzo A. Apostoli, also known as James Apostoli, deceased, v. Johns-Manville Products Corporation, Johns-Manville Sales Corporation, et al.
United States District Court for the District of New Jersey
Civil Action File No. 76-604

Argeskie, John, et als v. Johns-Manville Sales Corp., Canadian Johns-Manville Mining Co., Ltd., Johns-Manville Products Corp., et al
U.S. District Court for the District of New Jersey
Civil Action File No. 76-735

Atkinsen, Floyd M., et al v. Johns-Manville Sales Corp., et al
Superior Court of California, County of Contra Costa
Case No. 171 815

Austin et al, vs. Johns-Manville Products Corp., et al
United States District Court for the District of New Jersey
Docket No. 75-754

Austin, Morton J. v. Johns-Manville Corp., Lake Asbestos Co., Inc, et al
United States District Court for the District of New Jersey
Civil Action No. 76-1482

Bailey, Esther, Executrix of the Estate of Samuel Bailey, Jr., Deceased v. Johns
Manville Corporation, Johns-Manville Sales Corporation, et al
U.S. District Court for Eastern District of Virginia, Newport News Div.
Civil Action No. 76-155-NN

Ballinger, et al vs. Johns-Manville Products Corp., et al
In the Circuit Court for Knox County, Tennessee
Case No. 1-684-75

Baltz, Paul and Ida Baltz, v. Johns-Manville Sales Corporation
U.S. District Court, Eastern District, Eastern Division, MO
Case No. 77-0313-c(2)

Barlow, Joyce J., Executrix of the Estate of Robert James Barlow, deceased v.
Johns-Manville Corp. & Johns-Manville Sales Corp., et al
U.S. District Court, Eastern District Virginia, Newport News Division
Civil Action No. 77-11-NN

Barnett, Bennie M., Administrator of the Estate of Gordon Luther Barnett, Deceas
v. Combustion Engineering, Inc., Johns-Manville Products Corp., et al
Court of Common Pleas, County of Greenville, State of South Carolina
Unnumbered

Barrett, John L. v. Johns-Manville Products Corporation, et al
Circuit Court of Jackson County, Missouri
Case No. 784,937

Bartholomew, William J.B. v. Combustion Engineering, Inc., Johns-Manville
Products Corp., et al
Court of Common Please, Greenville County, South Carolina
Unnumbered

Bassham vs. Johns-Manville Products Corp., et al
In the United States District Court for the District of New Mexico
Civil Action File No. 8431

Baumann vs. Johns-Manville Products Corporation, et al
Superior Court, State of California, City and County of San Francisco
Case No. 688-553

Baumgartner vs. Johns-Manville Products Corp., et al
U.S. District Court, Northern District of Ohio, Eastern Division
Civil Action File No. C-75 1057

Bawgus, Gordon James v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 1-128-77

Baycroft vs. Burlington Northern, Inc. et al
U. S. District Court, Eastern District of Washington - Northern Division
Case No. 3879

Bazemore, William L. v. Johns-Manville Corporation, et al
Circuit Court of the City of Portsmouth, Virginia
Case No. L-76-883

Beauregard, Richard E., et al v. Johns-Manville Products Corp., et al
Superior Court of the State of California for the County of Los Angeles
Case No. C137466

Bednarczyk v. Armstrong Cork Co., Johns-Manville Products Corp., et al
Circuit Court of Cook County, Illinois
Case Number 76L 5285

Bell vs. Fibreboard Paper Products Corp., et al
United States District Court for Eastern District of Texas
Case No. B-74-CA-50

Bellott, Lawless J. and Marie, his wife v. Fibreboard Corporation, et al
U.S. District Court, Eastern District of Texas, Beaumont Division
Civil Action No. B-74-253-CA

Bender vs. Johns-Manville Products Corp., et al
Southern District of Florida, Miami Division
Civil Action No. 75-2578

Berardino, Vincent and Margaret Berardino, v. Johns-Manville Sales Corporation
Circuit Court for the City of St. Louis
Case No. 66939 F, Division 1

Berube, Armand v. Johns-Manville Products Corp., et al
Superior Court of California, County of Los Angeles
Case No. C 188 547

Biles v. Wise v. Johns-Manville Corporation, et al
Superior Court of California County of Contra Costa
Civil Action File No. 142.597

Birkner v. Johns-Manville Sales Corp., et al
In the Circuit Court of the City of St. Louis, State of Missouri
Docket No. 57711 F, Division 1

Bolton, Christopher and Gertrude v. Philip Carey Manufacturing Corporation,
Johns-Manville Products Corporation, et al
Circuit Court of Jackson County, Missouri
Civil Action No. CV76-3764

Borel vs. Johns-Manville et al
United States District Court for Eastern District of Texas
Case No. 6449

Bouchelle, Betty v. Combustion Engineering, Inc., Johns-Manville Products Corp.
Court of Common Pleas, County of Aiken, State of South Carolina
Unnumbered

Boudreaux, Geraldine Bauman v. J-M Products Corporation
Twenty-Fourth Judicial District Court, Jefferson Parish, Louisiana
Case No. 178-543

Bovert, Elie and Jane Bovert v. Johns-Manville Sales Corp., Drs. David & Kent
Wise, et al
Superior Court, Contra Costa County, California
Case No. 167521

Bradley, E. v. Johns-Manville Products Corp., et al.
Superior Court, Solano Court, Fairfield, CA
Case No. 63510

Bradley, John & Jewel v. Combustion Engineering, Inc., et al
U.S. District Court, Southern District West Virginia, Huntington
Civil Action No. 77-3046

Bradshaw vs. Johns-Manville Sales Corp et al
U: S. District Court for Eastern District of Michigan, Southern Dist.
Civil Action File No. 29433

Bradshaw, William T. and Hattie M. v. Combustion Engineering, Inc., J-M Sales Corp., J-M Products Corp., J-M Fiber Glass, Inc., et al
U.S. District Court, Southern District West Virginia
Civil Action No. 77-3037

Breedlove vs. Johns-Manville Products Corp., et al
U. S. District Court for Northern District of Ohio, Eastern Division
Case No. C-75-105

Brooks, Franklin D. v. J-M Products Corporation, et al
U.S. District Court, Northern District Georgia, Atlanta Div.
Civil Action No. C77-252A

Brown, Clarry Donald v. Combustion Engineering, J-M Products Corp., et al
U.S. District Court for District of South Carolina, Charleston Div.
Civil Action File No. 76-1162

Brown, H. C. Admin. v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-60

Brown, Kim A. v. Johns-Manville Sales Corp., et al
United States District Court for the District of Connecticut
Civil Action No. H-76-325

Browner v. Johns-Manville, David Wise and Does
Superior Court of California County of Contra Costa
Civil Action File No. 162127

Broussard vs. Fibreboard Paper Products Corp., et al
United States District Court for Eastern District of Texas
Case No. B-73-CA-300

Buff, William J. v. Combustion Engineering, Inc., Johns-Manville Products Corp.
U.S. District Court, District of South Carolina, Charleston Division
Civil Action No. 77-685

Bugyis, Admin. v. Johns-Manville Products Corp.
Circuit Court, Cook County, Illinois County Dept., Law Division
Case No. 761 2164

Bull, Wilfred v. Combustion Engineering, Inc., J-M Products Corporation, et al
Court of Common Pleas, County of Charleston, South Carolina
Unnumbered

Bumgardner, William J. v. Combustion Engineering, Inc., J-M Products Corp., et
Court of Common Pleas, Greenville County, South Carolina Unnumbered

Burke, A. v. Johns-Manville International Corp., et al
U.S. District Court, Southern District Texas, Houston Division
Civil Action 75-H-870

Burke, J.F. v. Combustion Engineering, Inc. et al
U. S. District Court for Northern District of Ohio, Eastern Division
Case No. 72-5843

Burows, Raymond v. Johns-Manville Products Corp., et al.
U.S. District Court, District of Montana, Billings Division
Civil Action File No. CV-76-60-BLG

Buscaino, Joseph J. v. Johns-Manville Products, et al
Superior Court, State of California, City & County of San Francisco
Case No. 687-191

Byerly vs. Johns-Manville International Corp., et al
U. S. District Court for Southern District of Texas, Houston Division
Civil Action 75-H-866

Caines, Dorothy Wolf, Executrix of the Estate of Oliver K. Caines,
Deceased v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, County of Barnwell, State of South Carolina
Unnumbered

Call, Ruby C., Administratrix of the Estate of John David Call, Deceased v.
Combustion Engineering, Inc., Johns-Manville Products Corp., et al
Court of Common Pleas, Charleston County, South Carolina
Unnumbered

Calvert, Mary, Bernice Brown, Artencia Christofferson and Barbara Coachman v.
Johns-Manville Sales Corp., Drs. David & Kent Wise, et al
Superior Court, Contra Costa County, California
Case No. 167637

Campbell, Amy M. v. Johns-Manville Products Corporation, et al
U. S. District Court for the Northern District of Texas, Dallas Division
Case No. CA3-77-0333-F

Campagna, Carlo S. v. Johns-Manville Corp., et al
U.S. District Court, District of Connecticut
Civil Action No. H77-152

Carmichael vs. Johns-Manville Products Corporation
Third Judicial District Court, Hennepin County, Minnesota
Unnumbered

Carollo vs. Forty-Eight Insulation, Inc., et al
Court of Common Pleas of Allegheny County, Pennsylvania
Case No. 2881

Carr, Adm. v. Johns-Manville Products Corp., et al
U.S. District Court, Eastern District Michigan, Southern Division.
Case No. 572332

Ceas, Francis v. Johns-Manville Industrial Insulation, Johns-Manville
Sales Corporation, Johns-Manville Products Corporation, et al
Circuit Court of Cook County, Illinois
Case No. 72 L 5843

Chaddock vs. Johns-Manville Products Corp., et al
United States District Court for the Northern District of Ohio
Case No. C-75-102

Chandler, Robert & Connie v. Johns-Manville Sales Corporation, et al
Court of Common Pleas, Franklin County, Columbus, OH
Case No. 76CV-11-4900

Cicero, Lillian, Admin. ad prosequendum & General Admin. of the Estate of Salvat
Cicero, Dec'd., and Lillian Cicero, Individ. v. J-M Products Corp., et al
U.S. District Court, New Jersey
Civil Action No. 76-1488

Cloutier, Rita, Administratrix of the Estate of Archie Cloutier v. J-M Corporati
U.S. District Court for the District of Connecticut
Case No. H77-177

Clowers, Jim L. v. Johns-Manville International Corp., et al
U.S. District Court for Southern District of Texas, Houston Division
Civil Action No. 76-H-1311

Coates, Joseph, Sr. v. Fibreboard Paper Products Corporation, Johns-
Manville Products Corporation, et al
Civil District Court, Parish of Orleans, State of Louisiana
Case No. 76-17432

Cohen, Dorothy, Administratrix of the Estate of Emanuel Cohen v. Combustion
Engineering, Inc., Johns-Manville Products Corporation, et al
U.S. District Court, Eastern District of New York
Civil Action No. 77C 157

Condray v. Johns-Manville Products Corporation, et al
U. S. District Court for Eastern District of Texas, Beaumont Division
Civil Action File No. B-76-108-CA

Conner, Howard R. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C161702

Consalvo vs. Johns-Manville Products Corporation
Superior Court of New Jersey, Law Division, Middlesex County
Docket No. L-1279-75

Corea, Nicholas & Rose v. Johns-Manville Corporation, et al
Court of Common Pleas in Pennsylvania (County not indicated)
Case No. 2111

Corkran v. Johns-Manville Products Corporation, et al
U. S. District Court for Eastern District of Texas, Beaumont Division
Civil Action File No. B-76-128-CA

Coulter vs. Johns-Manville Corporation, et al
Supreme Court, County of Erie, State of New York

Crawford vs. Fibreboard Paper Products Corporation, et al
U. S. District Court Eastern District of Texas
Case No. 6492

Crawford, E.E. v. Johns-Manville, et al
Court of Common Pleas, County of Philadelphia
Case No. 4016

Curtin vs. Johns-Manville Products Corp., et al
Circuit Court for the Third Judicial Circuit, Madison County, Illinois
Case No. 75-L-146

Daniels vs. Johns-Manville Products Corp., et al
U.S. District Court, Eastern District of Tennessee, Northern Division
Civil Action File No. 3-75 188

Davis, Leon v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, County of Barnwell, State of South Carolina
Unnumbered

1
DeLoach vs. Johns-Manville Sales Corp., et al
U.S. District Court, Western District of Tennessee, Western Division
Civil Action File No. 73-26

Demarest, Eugene & Marilyn Demarest v. Johns-Manville Sales Corp., et al
State of Michigan, Circuit Court for the County of Wayne
Case No. 76-626429-NP

Demers v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-56

De Rocco vs. Forty-Eight Insulation, Inc., et al
Court of Common Pleas of Allegheny County, Pennsylvania
Case No. 2880

Dickey vs. Johns-Manville International Corp., et al
U. S. District Court for Southern District of Texas, Houston Division
Civil Action 75-H-864

Dishner, Ira H. and Helen Ann Dishner v. J-M Sales Corporation, et al
U. S. District Court for the Eastern District of Pennsylvania
Case No. 77-67

Dittner, Henry v. Johns-Manville Corporation, et al
United States District Court, District of Connecticut
Civil Action No. H77-100

Dolce vs. Johns-Manville Products Corp., et al
U. S. District Court for Eastern District of Texas, Beaumont Division
Civil Action B-75-191-CA

Drake, Leroy v. Johns-Manville Corporation, et al
United States District Court for the District of Connecticut
Civil Action No. H76-429

Driggs, Raymond v. Standard Asbestos Mfg. & Insulating Co., et al
U. S. District Court, Southern District of Texas, Houston Division
Case No. H-77-533

Drinkard, Harriett L., Executrix of the Estate of Ralph Drinkard v. Johns-Manville Products Corporation, et al
U.S. District Court, Northern District of Ohio, Eastern Division
Civil Action No. C76-1318

Dudley, Margaret A., As Executrix of the Estate of Paul E. Dudley, Deceased v. Johns-Manville Corporation, et al
State of New York Supreme Court, County of Erie
Unnumbered

Dugger, Hobert Ray & wife, Beulah D. Dugger v. Combustion Engineering Inc., Johns-Manville Products Corp., et al
In the Circuit Court for Knox County, Tennessee
Civil Action No. 3-442-76

Duncan, W. B. v. Combustion Engineering, J-M Products Corp., et al
U.S. District Court, District of South Carolina, Charleston Div.
Civil Action File No. 76-1249

Dunn vs. Johns-Manville International Corp., et al
U.S. District Court, Southern District of Texas, Houston Division
Case No. 73-H-1072

Duran, Demetrio D., et al v. Johns-Manville Sales Corporation, et al
Superior Court of California, County of San Francisco
Case No. 719-238

Durham, David C., et al v. J-M Corp., J-M Sales Corp., et al
U.S. District Court, Eastern District Virginia, Norfolk Div.
Civil Action No. 77-135-N

Duzant v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-58

Eleazer v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-55

Enos, George v. Johns-Manville, et al
United States District Court for the District of Connecticut
Civil Action No. H-76-427

Ericksen, Wendell S., Ross Jones, Russell Marshall, & George Baker v. Johns-Manville Sales Corp., Johns-Manville Products Corp., "Does"
Superior Court of California, County of Contra Costa
Case No. 171524

Esteppe vs. Johns-Manville Products Corp., et al
In the Circuit Court for Knox County, Tennessee
Docket No. 2-474-75

Evans, Clyde J. v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 1-126-77

Fabian, Annie Delloree, Executrix of the Estate of Idalee Knight Wiggins, deceased v. Johns-Manville Products Corporation, et al
Court of Common Pleas, Charleston, County, South Carolina
Unnumbered

Farrar vs. Johns-Manville International Corp., et al
U. S. District Court for Southern District of Texas, Houston Division
Civil Action 75-H-862

Fearn, Clarence E. & Emily v. Johns-Manville Corporation, et al
Court of Common Pleas, Allegheny County, Pennsylvania
Case No. CD76 23408

Featherstone, Jimmie W. v. J-M Sales Corp. & J-M Products Corp., et al
U.S. District Court, Eastern District of Texas, Beaumont Div.
Civil Action No. M-74-44-CA

Ferris, Kathleen, Executrix of Estate of Walter J. Ferris, v. Johns-Manville Structural Systems Corporation, et al
Court of Common Pleas of Philadelphia County, PA
Case No. 1536

Fleming, Frances C., Executrix under the Last Will and Testament of Judson G. Fleming, Deceased v. Fibreboard Paper Products Corp., et al
Superior Court, City and County of San Francisco, California
Case No. 720-331

Fleming, Judson G. v. Fibreboard Paper Products Corporation, Johns-Manville Products Corporation, et al
Superior Court, State of California, County and City of San Francisco
Case No. 710-899

Fletcher, John E., Jr. v. J-M Corp. & J-M Sales Corp.
U.S. District Court, Eastern District of Virginia, Norfolk Div.
Civil Action No. 77-43-N

Forest, Opal and Alma Forest v. Johns-Manville Sales Corporation
U.S. District Court, Eastern District Missouri, Eastern Division
Civil Action No. 77-0145-C(3)

Fortado, John, et al v. Johns-Manville Sales Corp., Dr. David Wise,
Dr. Kent Wise, et al
Superior Court of California, County of Contra Costa
Case No. 167877

Foster, Herbert v. Fibreboard Paper Products Corp., Johns-Manville
Products Corp., et al
U.S. District Court, Eastern District of Texas, Beaumont Division
Civil Action No. B-74-204-CA

Foxworthy Adm. v. Johns-Manville Corp., et al
State of Michigan, In the Circuit Court, For the County of Wayne
Case No. 75-076252-NP

Freeman v. Johns-Manville International Corp., et al
U.S. District Court for the Southern District of Texas, Houston Div.
Civil Action 75-H-869

Frith vs. Johns-Manville Products Corporation, et al
Western District of Louisiana - Shreveport Division
Case No. CI 750123

Froman, Clifford v. Armstrong Cork Co., et al
U.S. District Court, Southern District, Miami Division
Civil Action No. 76-2257-Civ-JLF

Gaspard vs. Johns-Manville International Corp., et al
U. S. District Court for Southern District of Texas, Houston Division
Civil Action 75-H-868

Gatlin, Helen, Executrix of the Estate of John B. Gatlin, deceased, v. Combusti
Engineering, Inc. and Johns-Manville Products Corporation, et al
Court of Common Pleas, Charleston County, State of South Carolina
Unnumbered

Gause, Furman D. v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, County of Greenville, State of South Carolina
Unnumbered

Gencarelle v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-53

Gerace, Joseph & Norma Gerace v. Johns-Manville Corp., Johns-Manville
Sales Corp., Johns-Manville Products Corp.
Court of Common Pleas of Philadelphia County
Case No. 5439

Gibson vs. Johns-Manville Products Corp. of Mass.
District Court in and for the County of Boulder, State of Colorado
Case No. 74-1206-2

Giorgianni, Peter and Ann Giorgianni v. Johns-Manville, et al
U.S. District Court for the District of New Jersey
Docket No. 76-1610

Glazer vs. Johns-Manville Products Corp. of Mass.
Commonwealth of Massachusetts, Middlesex, SS - Superior Court
Case No. 33147

Glover, B. v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-61

Glover, William B. v. Johns-Manville Corp., et al
Circuit Court of the City of Portsmouth, Virginia
Case No. L-76-747

Goodman vs. Johns-Manville Corporation et al
Circuit Court of Missouri, Sixteenth Judicial Court
Case No. 333147

Graham v. Johns-Manville Corporation, et al
United States District Court for the District of Rhode Island
Civil Action File No. CA 76 0090

Gray, et al vs. Johns-Manville Corporation, Johns-Manville Sales Corporation, Johns-Manville Products, et al
United States District Court for the District of Connecticut
Civil Action File No. H-75-327

Greenday, Anne, General Administratrix and Administratrix ad Prosequendum of the Estate of William Greenday, deceased v. Armstrong Cork Company, Johns-Manville Products Corporation, "Does"
Superior Court of New Jersey, Law Division, Camden County
Docket No. L-2458-76

Greer, Earl G. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C161704

Grice, Earl Jackson v. Combustion Engineering, Inc., J-M Products Corp., et al
U.S. District Court for Northern District of Ohio, Eastern Division
Civil Action No. C-76-883

Grimes, Willie L. v. Keene Corp. J-M International Corporation, et al
U.S. District Court for Southern Dist. Texas, Houston Div.
Civil Action No. 76-H-1936

Grugan, Anthony F. & Ellen Grugan, his wife v. Johns-Manville Corp., et al
Court of Common Pleas, Philadelphia County, Pennsylvania
Case No. 2052

Gunnells, Harrie B. Ray, Executrix of the Estate of Claude B. Gunnells, Deceased v. Johns-Manville Products Corporation, et al
Court of Common Pleas, County of Charleston, State of South Carolina
Unnumbered

Gustafson, Floyd v. Fibreboard Paper Products Corporation, et al
U.S. District Court, District of Minnesota, Fifth Division
Civil Action No. 5-71 Civ. 40

Guy, Nathaniel & Betty Guy v. Canadian Johns-Manville Mining Company, Ltd., Johns-Manville Sales Corporation, et al
Superior Court of New Jersey, Law Division, Middlesex County
Civil Action No. L-43060-75

Hallinan, E. J. v. Johns-Manville Products Corporation, et al
U.S. District Court for the Southern District of Indiana, Evansville Div.
Case No. EV-75-25-C

Hamilton, Gloria et al v. Johns-Manville Products Corporation
Circuit Court of Jackson County, Missouri at Kansas City
Case No. 784,988

Haney, Paul & Maxine v. Abex Corporation and Johns-Manville Products Corp., et
Circuit Court, Wayne County, Michigan
Case No. P-21146

Harlow, Charles R. v. Johns-Manville Corporation, et al
United States District Court, Eastern District, Richmond Division
Civil Action No. 77-0159-R

Harper, Charles K., as administrator of the estate of Maxwell A. Harper, deces.
v. Johns-Manville Sales Corporation, et al
Circuit Court for the County of Wayne, State of Michigan
Case No. 77-711309-NP

Harrod vs. Johns-Manville Sales Corporation et al
United States District Court for the District of Kansas
Case No. KC-3412

Harter, Glen F., et al v. Johns-Manville Sales Corp., et al
Superior Court of California, County of Contra Costa
Case No. 171 814

Harter R.J. vs. Johns-Manville Products Corp., et al
U. S. District Court for Northern District of Ohio, Eastern Division
Civil Action File C-75 452

Hartman, George W. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C161705

Hartwell vs. Johns-Manville Products Corp., et al
United States District Court for Eastern District of Texas
Case No. 7513

Hatfield, Marion E. and wife, Arletta Price Hatfield v. Combustion
Engineering, Inc., Johns-Manville Products Corporation, et al
Circuit Court of Knox County, Tennessee, Division II
Civil Action No. 2-453-76

Haverty Admin. vs. Johns-Manville Products Corp., et al
District Court of Johnson County, Kansas
Case No. 62897, Division No. III

Hawkins, Howard P. v. Johns-Manville Corporation, et al
United States District Court for the District of Connecticut
Civil Action No. H76-428

Heath, Thomas A. v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, Greenville County, South Carolina
Unnumbered

Hershman, Samuel E. v. Johns-Manville Corp., et al
Circuit Court of the City of Norfolk, Virginia
Law Docket No. L76-1706

1 -1
Holton vs. Johns-Manville International Corp., et al
U.S. District Court for Southern District of Texas, Houston Division
Civil Action No. 75-H-1635

Horan, James v. Johns-Manville Corporation, et al
United States District Court for the District of Connecticut
Civil Action No. H76-449

Howard vs. Johns-Manville Products Corp., et al
District Court of U.S. for Eastern District of Texas, Sherman Division
Case No. S-75-58 CA

Huggins, Ocie v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, Charleston County, South Carolina
Unnumbered

Hunt, Wayne W. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C161707

Hunter, Leonard H. v. Johns-Manville Corporation, et al
United States District Court, District of Connecticut
Civil Action No. H 77-99

Huskins, Howard C. & Mary M. v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 3-126-77

Hutson vs. Johns-Manville Products Corp., et al
Southern District of Florida, Miami Division
Civil Action No. 75-2580

Isenhower, Max H. v. Johns-Manville Products Corporation, et al
Circuit Court, City of Portsmouth, Virginia
Law No. L-77-36

Jacomino vs. Johns-Manville Corp., et al
Court of Common Pleas, Philadelphia County, Pennsylvania
Case No. 1507

Janesko vs. Johns-Manville Corp., et al
District Court of Wyandotte County, Kansas
Case No. 48110B

Jeane vs. Johns-Manville Products Corp., et al
U.S. District Court for Eastern District of Texas, Beaumont Div
Case No. B-74-337-CA

Johnson Hattie Bell v. Fibreboard Paper Products Corp., J-M Products Corp., et al
U.S. District Court, Eastern District of Texas, Beaumont Div.
Civil Action No. B-74-124-CA

Johnson, Mildred F. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C137467

Johnson W. v. Johns-Manville Products Corp.
U.S. District Court, Eastern District of Michigan, Southern Division
Civil Action No. 670876

Joyner vs. Johns-Manville Products Corp., et al
Southern District of Florida, Miami Division
Civil Action No. 75-2581

Kadian, Vincent v. Johns-Manville Corp., et al
United States District Court, District of Connecticut
Civil Action No. H77-151

Kaminski, Jerome v. Combustion Engineering, Inc., J-M Products Corp., et al
U.S. District Court, District of South Carolina, Charleston Division
Civil Action No. 77-683

Karjala vs. Fibreboard Paper Products Corp., et al
U. S. District Court for the District of Minnesota - Fifth Division
Case No. 5-71-18

Kearns vs. Combustion Engineering, Inc., et al
U.S. District Court for Northern District of Ohio Eastern Division
Case No. C73-70

Keeler v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-59

Kelly, Nelson D. v. Johns-Manville Corporation, et al
State of New York Supreme Court, County of Erie
Unnumbered

Kendall v. Johns-Manville Products Corp., et al.
Superior Court, State of California, City & County of San Francisco
Case No. 704-023

Kidd, Kenneth Lee v. Combustion Engineering, Inc. and J-M Products Corp., et al
Court of Common Pleas, Greenville County, South Carolina
Unnumbered

King, Edwin W. C. v. Johns-Manville Sales Corp., et al
United States District Court for the District of Connecticut
Civil Action No. H-76-337

King, Roy M. v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, Charleston County, South Carolina
Unnumbered

Kirchner vs. Johns-Manville International Corp., et al
U.S. District Court, Southern District of Texas, Houston Division
Civil Action No. 75-H-1634

Knight, Ernest R. v. Johns-Manville Products Corporation, et al
Court of Common Pleas, Charleston, County, South Carolina
Unnumbered

Koontz, Bertha Juanita, Administratrix v. Combustion Engineering
and Johns-Manville Products Corp., et al
Court of Common Pleas, Greenville County, South Carolina
Unnumbered

Kyburz vs. Johns-Manville International Corp., et al
U.S. District Court, Southern District of Texas, Houston Division
Civil Action 75-H-863

7
LaGrappe vs. Fibreboard Paper Products Corp., et al
United States District Court for the Eastern District of Texas
Case No. B-74-CA-66

Landre' vs. Johns-Manville Sales Corp., et al
Superior Court, Alameda County, Oakland, California
Case No. 449876-8

Larson, Lloyd R. v. Fibreboard Paper Products Corp., et al
Superior Court, City and County of San Francisco, California
Case No. 717-596

Lauderback, Stephanie v. Johns-Manville Sales Corp., et al
U.S. District Court, Eastern District of Texas, Marshall Division
Civil Action No. M-76-69-CA

Lawson, James v. Johns-Manville Corporation, et al
State of New York Supreme Court, County of Erie
Unnumbered

Leava et al vs. Johns-Manville Products Corporation, et al
In the Circuit Court of Jackson County, Missouri, at Kansas City
Civil Action No. CV75-4160

LeGrande vs. Johns-Manville Products Corporation
United States District Court for the District of New Jersey
Civil Action File No. 741-57

Lemieux, Gerald Sr. v. Johns-Manville Corporation
U.S. District Court of the District of Connecticut
Case No. H77-176

Lopez, Antonio v. Armstrong Cork Co., J-M Products Corp., et al
U.S. District Court, Southern District of Florida
Civil Action No. 76-1411-CIV-JLK

Lopez, E. et al. vs. Johns-Manville Products Corp., et al
United States District Court for the Southern District of Florida
Civil Action 75-1365-Civ-JLK

Louisville Trust Company v. Ohio Farmers Insurance Co., et al
Jefferson Circuit Court, Common Pleas Branch, Seventh Division
Case No. 164922

Lovna, Elizabeth et al v. Johns-Manville Products Corp., et al
Superior Court of California, County of Los Angeles
Case No. C191-320

Luker vs. Johns-Manville International Corp., et al
U. S. District Court for Southern District of Texas, Houston Division
Case No. 75-H-342

Lyons, Thomas F., et al v. G.&W.H. Corson, Inc., J-M Products Corp., et al
Court of Common Pleas, Delaware County, Pennsylvania
Docket No. 75-6065

Marcucci v. Johns-Manville Products Corp., Johns-Manville Sales Corp., et. al
United States District Court for the District of New Jersey
Civil Action File No. 76-414

12
Martin, Lula Ardean, et al v. Johns-Manville Corp., et al
Superior Court of California, County of Contra Costa
Case No. 171 812

Marzolf, Elizabeth & Robert Marzolf v. Johns-Manville Corp., et al
State of New York, Supreme Court, County of Erie
Unnumbered

Masset, Errol and Mary Massett v. Fibreboard Paper Products Corp., Johns-Manville Products Corp., et al
Civil District Court, Parish of Orleans, State of Louisiana
Case No. 76-15430

Marrs v. Johns-Manville, et al
Superior Court of California, County of Santa Barbara
Case No. SML8429

Matthews, Elizabeth, et al v. Fibreboard Paper Products Corp., et al
U.S. District Court, Eastern District of Texas, Beaumont Division
Civil Action No. B-73-CA-309

McAnespy vs. Johns-Manville Corporation
Jefferson Parish State District Court, Gretna, Louisiana
Case No. 157-594

McBride, Donald T. & Bernadine v. Combustion Engineering, Inc., et al
U.S. District Court, Southern District, Huntington, West Virginia
Civil Action No. 77-3040

McCarthy, John v. Johns-Manville, et al
United States District Court, District of Connecticut
Civil Action No. H77-98

McCoy v. Johns-Manville Products Corporation, et al
Circuit Court of Jackson County, Missouri at Kansas City
Civil Action File No. CV76-1377

McDaniel vs. Johns-Manville Products Corp., et al
United States District Court for Eastern District of Texas
Case No. 6967

McGinnis vs. Johns-Manville Products Corp., et al
U. S. District Court for Northern District of Ohio
Case No. C-74-1077

McGrath, Thomas & Dorothy, et al v. J-M Products Corp., J-M Sales Corp., et al
United States District Court for the District of New Jersey
Civil Action No. 76-2417

McKee J. v. Johns-Manville Corp., et al
State of New York, Supreme Court, County of Erie
Case No. C-15572

McKee, Ralph & Martha K. v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 1-127-77

McKimmie v. Johns-Manville Products Corporation, et al
U. S. District Court for Northern District of Ohio, Eastern Division
Civil Action File No. C-76-180

16
McLaughlin H. vs. Johns-Manville Products Corporation, et al
U. S. District Court, Northern District of Ohio, Eastern Division
Case No. C-75-377

McLaughlin J. vs. Johns-Manville Products Corp., et al
U. S. District Court, Northern District of Ohio, Eastern Division
Case No. C-74-23

McNeeley vs. Johns-Manville Products Corp., et al
U. S. District Court for the Northern District of Ohio
Case No. C-75-74

McNulty vs. Johns-Manville Corporation
In the Circuit Court of Missouri, Sixteenth Judicial Circuit
Case No. 781,333 - Division No. 16

Measor vs. Combustion Engineering, Inc., et al
U. S. District Court, Northern District Ohio, Eastern Division - Cleveland
Case No. C73-238

Mellot vs. Johns-Manville Products Corp., et al
U. S. District Court for Northern District of Ohio, Eastern Division
Case No. C-75-1058

Mesaros C. vs. Johns-Manville Products Corporation
Superior Court of New Jersey, Law Division, Hudson County
Case No. 75-187

Mesaros, Catherine, Adm. John Mesaros, Deceased v. J-M Products Corp., et al
Superior Court of New Jersey, Law Division, Hudson County
Civil Action No. L-34605-74

Meyerhoffer v. Johns-Manville Products Corp.
Superior Court, Somerset County, New Jersey
Docket No. L 33168 75

Mitchell vs. Johns-Manville Corp., et al
In the Circuit Court for the Third Judicial Circuit
Case No. 74-L-676

Mitchell, Robert P. v. Johns-Manville Sales Corporation, et al
Circuit Court for the County of Wayne, State of Michigan
Case No. 77-710648-NP

Moore, James and Helen Moore v. Johns-Manville Corporation, et al
Court of Common Pleas, Pennsylvania
Case No. 942

Moran vs. Corson, Inc., et al
Court of Common Pleas, Delaware County, Pennsylvania
Case No. 1699

Morgan, Lucy A., et al v. Johns-Manville Products Corp., et al
Superior Court of California, County of Los Angeles
Case No. C185140

Morris, Alvin L. & Fern B. Morris v. Johns-Manville Products Corp., et al
District Court, Boulder County, Colorado
Unnumbered

Morris, Frederick W. v. Johns-Manville Corporation, et al
U.S. District Court for Connecticut
Civil Action No. H77-36

Morrison Adm. v. Johns-Manville Products Corp., et al.
Superior Court of the State of California In and For the City &
County of San Francisco
Case No. 701-446

Mosher v. Johns-Manville Sales Corp., et al.
Wayne County Circuit Court, Michigan
Case No. 76-614243-NP

Muntean vs. Combustion Engineering Inc., et al
U.S. District Court for Northern District of Ohio, Eastern Div.
Case No. C73-199

Murphy K. vs. Johns-Manville Products Corp., et al
U.S. District Court for the Northern District of Ohio, Eastern Div.
Civil Action C-75-453

Murphy, Walter D. v. Johns-Manville Corporation, et al
U.S. District Court, Eastern District, Richmond Division
Civil Action No. 77-0157-R

Murray, Dolly, Executrix of the Estate of Donald C. Murray, Deceased
v. Combustion Engineering, Inc., Johns-Manville Products Corp., et al
Court of Common Pleas, County of Charleston, State of South Carolina
Unnumbered

Murray, L. v. Johns-Manville, et al
United States District Court for the District of New Jersey
Civil Action File No. 75-1475

Nave, Bruce Alfred & wife, Billie M. Nave v. Combustion Engineering,
Inc., Johns-Manville Products Corp., et al
In the Circuit Court for Knox County, Tennessee
Case No. 2-443-76

Nave, C. A. vs. Johns-Manville Products Corp., et al
Circuit Court of Knox County, Division III, State of Tennessee
Docket No. 3-491-75

Neace, Chester and Margaret v. Combustion Engineering, Inc. J-M
Sales Corp., J-M Products Corp., J-M Fiber Glass, Inc., et al
U.S. District Court, Southern District West Virginia, Huntington
Civil Action No. 77-3038

Neubauer, Charlotte E., Personally & personal representative of the
Estate of Clifford S. Neubauer v. Owens-Corning Fiberglas Corp.,
Johns-Manville Sales Corp., and Transcontinental Insurance Co.
U.S. District Court, Eastern District of Wisconsin
Civil Action No. 77-C-52

Nicolai, Frank A., et al v. Johns-Manville Products Corp., et al
Superior Court of California, County of Los Angeles
Case No. C 185 141

Nicholas, Norman v. Johns-Manville Products Corporation, et al
U.S. District Court, Billings Division, Montana
Civil Action File No. CV-76-91

Noel vs. Johns-Manville Products Corporation
Jefferson Parish, State District Court, Louisiana
Case No. 163-712

7
Nolan vs. Johns-Manville Asbestos & Magnesia, et al
In the Circuit Court of Cook County, Illinois
Case No. 75 L 8672

Norris, Grover C. v. Combustion Engineering, Inc., J-M Products Corp., et al
U.S. District Court, District of South Carolina, Charleston Division
Civil Action No. 76-1901

Ochoa, Onelio v. Armstrong Cork Company, et al
U.S. District Court, Southern District of Florida
Case No. 77-10460Civ-JLK

Ohde, Clarence L. and Martha W. Ohde v. Philip Carey Manufacturing Corp. & Johns-Manville Products Corporation, et al
Circuit Court, Jackson County, Missouri
Civil Action No. CV76-5247

Oliver, Garnell v. Pacor, Inc., et al v. J-M Sales Corp., J-M Products Corp., et al
Court of Common Pleas of Philadelphia, PA
Case No. 4207

Oman, James T. v. Johns-Manville Corporation
Circuit Court of the City of Newport News, Virginia
Case No. 2930-S

Palermo vs. Johns-Manville Products Corp., et al
U.S. District Court for Eastern District of Texas, Beaumont Division
Civil Action B-75-192-CA

Palm, Frederick W., Sr. v. Johns-Manville Corporation, et als
United States District Court for the District of Connecticut
Civil Action No. H 76-426

Parker, Ophelia, Indiv. & as Sole Heir of Harold T. Parker, Deceased v. Johns-Manville Products Corporation, et al
U.S. District Court for the Northern District of Texas, Dallas Division
Case No. CA3-77-0372-F

Pastor vs. Johns-Manville Corporation, et al
United States District Court for the Eastern District of Pennsylvania
Civil Action File No. 75-3282

Paul, Frederick v. Johns-Manville Corp., et al
U.S. District Court for the District of Connecticut
Civil Action No. H-76-332

Pendley, Ethel Bowman, Executrix of the Estate of John Harold Pendley, Deceased v. Johns-Manville Products Corporation, et al
U.S. District Court, Northern District of Georgia, Atlanta Div.
Civil Action No. C77-632 A

Petillo Daniel, et al v. J-M Corp., J-M Sales Corp., J-M Products Corp.
In The Court of Common Pleas of Delaware County, Pennsylvania
Case No. 76-11065

Petty, Gus & Dorothy Petty v. Johns-Manville Sales Corp., et al.
District Court of Harris County, Texas, D-80th Judicial District
No. 1,080,269

Phelps v. Johns-Manville Products Corporation, et al
United States District Court for the Eastern District of Illinois
Civil Action File No. 76-4-012

Pirozzi, Joseph & Alice v. Johns-Manville Corporation
Superior Court of Somerset County
Docket No. L 19594-73

Plitt vs. Johns-Manville International Corp., et al
U.S. District Court for Southern District of Texas, Houston, Division
Civil Action 75-H-906

Pollock vs. Johns-Manville Sales Corporation, et al
Court of Common Pleas, Cuyahoga County, Ohio
Case No. 923,247

Poole, George W. v. Johns-Manville Sales Corp., et al
United States District Court for the District of Connecticut
Civil Action No. H-76-338

Pond, James T. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C161703

Poree, Mrs. Willie B. v. W. R. Goodwin, et al
24th Judicial District Court, Parish of Jefferson, State of Louisiana
Case No. 170-156

Porter, Paul v. Johns-Manville Products Corp., et al
Superior Court of California, County of Los Angeles
Case No. C 188 548

Potter vs. Johns-Manville Products Corp., et al
U.S. District Court for Eastern District of Texas, Beaumont Division
Civil Action No. 6329

Prim, Madeline, Executrix of the Estate of James Prim, Deceased v.
Combustion Engineering, Inc., J-M Products Corp., et al
U.S. District Court, District of South Carolina
Civil Action No. 77-301

Quattelbaum, R.W. v. Combustion Engineering, Johns-Manville Products Corp., et
U.S. District Court for the District of South Carolina, Charleston Div.
Civil Action File No. 76-1239

Reinhardt, v. Johns-Manville Sales Corp., et al
Wayne County Circuit Court, Michigan
Case No. 76-614893-NP

Ricci vs. Combustion Engineering, et al
U.S. District Court for Northern District of Ohio -Eastern Division
Case No. C72-507

Richards, James & Marie v. J-M Corp., J-M Products Corp., J-M Sales Corp., et al
Court of Common Pleas (county not indicated), Pennsylvania
Case No. 983

Ridenour, Vivian L., Executrix of Estate of James C. Ridenour v. J-M Sales Corp.
U.S. District Court for the District of Connecticut
Civil Action No. H-76-326

Rigsby, Walter C., et al v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C151947

40
Roach, Maria A., et al v. Johns-Manville Corporation, et al
Circuit Court, City of St. Louis, State of Missouri
Case No. 65720 F Division 1

Roderman vs. Combustion Engineering, et al
U. S. District Court, Northern District of Ohio, Eastern Division
Case No. C72-390

Rogers, Casper Sharp & wife, Betty Jean Rogers v. Combustion Engineering Inc., Johns-Manville Products Corporation, et al
Circuit Court of Knox County, Tennessee, Division I
Civil Action No. 1-456-76

Rosenquest v. Johns-Manville International Corp., et al
U.S. District Court for Southern District of Texas, Houston Division
Civil Action File No. 76-H-115

Roswurm, Walter A., et al. v. Philip Carey Mfg. Corp., J-M Products Corp., et al
Circuit Court of Jackson County, Missouri
Case No. CV76-2631

Rubio, Jesse A. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C161706

Rucker, Edna R., Individ., and for the use and benefit of the next of kin of Noah Rucker, Deceased v. Johns-Manville Sales Corp., et al
State of Tennessee, Circuit Court of Knox County, Division II
Civil Action No. 2-220-77

Rudkin v. Johns-Manville, Kent Wise, et al.
Superior Court, Alameda County, CA
Case No. 159 524

Ruff, John S. v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, Charleston, South Carolina
Unnumbered

Ryder v. Johns-Manville Products Corp.
Circuit Court for the Twentieth Judicial Circuit St. Clair County, IL
Civil Action No. 76-L-2130

Sabella, August and Ellie v. Johns-Manville, et al
Superior Court, State of California, City and County of San Francisco
Case No. 702-137

Safly vs. Johns-Manville Corporation
Superior Court of the State of Washington for Kitsap County

Salter v. Johns-Manville Corporation
Superior Court of Washington for King County
Case No. 802594

Sandoval vs. Johns-Manville Products Corp., et al
Superior Court of the State of California, City and County of San Francisco
Case No. 689- 59

Santamaria, Ramon v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C168478

Schneider, George L. & Kate v. J-M Products Corp., et al
District Court, County of Boulder, Colorado
Unnumbered

Schnetke, Helen A., Executrix of the Estate of Ronald F. Schnetke,
Deceased v. Johns-Manville Products Corp., et al
U.S. District Court, Eastern District of Pennsylvania
Civil Action No. 77-765

Schools, Gene v. Johns-Manville Corp., et al
U.S. District Court, Eastern District, Richmond Div.
Civil Action No. 77-0156-R

Scott, Levy J. v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, Charleston County, South Carolina
Unnumbered

Sedlock, B. vs. Combustion Engineering, Inc., et al
U.S. District Court for Northern District of Ohio, Eastern Division
Case No. C72-395

Sedlock, Joseph E. v. Johns-Manville Products Corp., et al
U.S. District Court, Northern District of Ohio, Eastern Div.
Civil Action No. C-76-1098

Shields, Charles J. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C137468

Shoup v. Johns-Manville Products Corp., J-M Sales Corporation, et al
State of Michigan, Circuit Court for the County of Wayne
Civil Action File No. 76-606-823

Simpson, Clarence v. Owens Corning Fiberglas, J-M International Corp., et al
U.S. District Court, Southern District of Texas, Houston Div.
Civil Action No. 76-H-1499

Sjostrom v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-57

Skindzier, Bernard v. Johns-Manville Corporation, et al
U.S. District Court for Connecticut
Civil Action No. H77-35

Small, William v. Johns-Manville International Corporation, et al
U.S. District Court, Southern District of Texas, Houston Division
Civil Action No. 76-H-1907

Smith, Gary L. v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, Aiken County, South Carolina
Unnumbered

Smith, Harry & Catherine Smith v. Johns-Manville Sales Corporation
U.S. District Court, Eastern District Missouri, Eastern Division
Civil Action No. 77-0144-C(A)

Smith, Weeks and Martha P. Smith v. Johns-Manville Corp., et al
In The Circuit Court of the City of Portsmouth, Virginia
Case No. L-76-658

Smith, William v. Johns-Manville & Kent Wise, et al
Superior Court Contra Costa County, CA
Case No. 161288

Sokol, Edward P. v. Johns-Manville Corp., J-M Sales Corp., et al
Circuit Court of Cook County, Illinois
Case No. 77L 3299

Speake v. Johns-Manville & Kent Wise, et al
Superior Court Contra Costa County, CA
Case No. 160-993

Speer vs. Johns-Manville Products Corp., et al
Superior Court, City and County of San Francisco, California
Docket No. 695-157

Spell vs. Fibreboard Corp., et al
United States District Court for Eastern District of Texas
Case No. B-74-81-CA

St. Jacque, Dorothy, et al v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C137465

Starnes, B.J. v. Combustion Engineering, Inc., J-M Products Corp., et al
U.S. District Court for Northern District of Ohio, Eastern Division
Civil Action No. C-76-882

Starnes, Billy Joe and wife, Carolyn Carlton Starnes, v. J-M Sales Corp., et al
State of Tennessee, Circuit Court of Knox County, Division I
Civil Action No. 1-200-77

Starnes, J.E. Admin. vs. Johns-Manville Products Corp., et al
U.S. District Court, Northern District of Ohio, Eastern Division
Case No. C-76-46

Starnes, J.R. et al v. Johns-Manville Products Corp., et al
U.S. District Court, Northern District of Ohio, Eastern Division
Case No. C-76-46

Starnes, J.S. & Barbara G. v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 2-127-77

Starnes, O.K. & Jerriann M. v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 2-128-77

Starnes, R.L. & Lula B. v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 3-127-77

Steele, E. H. vs. Johns-Manville Products Corporation, et al
U. S. District Court, Northern District of Ohio, Eastern Division
Case No. C-75-359

Steele, Harvey v. Johns-Manville Products Corporation & "Does"
Superior Court of the State of California, County of Contra Costa
Case Number 167271

Sterken, Robert E. v. Johns-Manville International Corp., et al
U.S. District Court, Galveston District
Civil Action No. 76-G-111

Stevens, Waldo & Jo Emma v. Combustion Engineering, Inc., et al
U.S. District Court, Southern District, Huntington, West Virginia
Civil Action No. 77-3041

Stewart, Evelyn, Executor under the Last Will and Testament of Sherman S. Stewart, Deceased v. Johns-Manville Products Corp., et al
Superior Court, State of California, City and County of San Francisco
Case No. 713-284

Stewart, John, Individ. and as Executor of Estate of Otho C. Stewart Deceased
U.S. District Court for the Northern District of Texas, Dallas Division
Case No. CA3-77-0373F

Stewart, S. vs. Johns-Manville Products Corp., et al
Superior Court, State of California, County of San Francisco
Docket No. 695-921

Stone, James L. v. Johns-Manville Corporation, et al
U.S. District Court, Eastern District, Richmond Division
Civil Action No. 77-160-R

Strickland F.E. v. Johns-Manville Sales Corp., et al
Superior Court, State of California, City and County of San Francisco
Docket No. 677-527

Strickland R.M. vs. Johns-Manville International, et al
U. S. District Court for the Southern District of Texas, Houston Div.
Case No. 75-H-492

Swisher, Norma L., Administratrix of the Estate of Ben E. Swisher, Deceased v. Combustion Engineering, Inc., J-M Sales Corp., et al
U.S. District Court, Northern District Ohio, Eastern Div
Civil Action No. C77-162

Talarico, Orlando T. and Caroline Talarico v. Johns-Manville Products Corp., Johns-Manville Sales Corp., et al
Court of Common Pleas, Pennsylvania
Docket No. 993

Talbot vs. Johns-Manville Products Corp., et al
U. S. District Court for the Eastern District of Texas, Beaumont Div.
Civil Action File No. B-75-391-CA

Taylor, B.R. v. Combustion Engineering, J-M Products Corp., et al
U.S. District Court for the District of South Carolina, Charleston Div.
Civil Action File No. 76-1210

Taylor, H.L. v. Combustion Engineering, J-M Products Corp., et al
U.S. District Court for the District of South Carolina, Charleston Div.
Civil Action File No. 76-1208

Taylor, M.F. v. Combustion Engineering, J-M Products Corp., et al
U.S. District Court for the District of South Carolina, Charleston Div.
Civil Action File No. 76-1247

181
Taylor, S.M. v. Combustion Engineering, J-M Products Corp., et al
U.S. District Court for the District of South Carolina, Charleston Div.
Civil Action File No. 76-1241

Thomas, Earl v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 3-128-77

Thomas, Janie v. Johns-Manville Products Corporation, et al
Court of Common Pleas, Charleston County, South Carolina
Unnumbered

Thompson, Henrietta Amelia, et al v. J-M Sales Corp., et al
Superior Court of California, County of Contra Costa
Case No. 171 816

Thompson H.J. vs. Johns-Manville Corp., et al
Circuit Court of Missouri, Sixteenth Judicial Circuit
Case No. 775555 - Division 14

Thompson M.J. vs. Johns-Manville Products Corp., et al
Superior Court, City and County of San Francisco, California
Civil Action No. 698-870

Thornton, Hattie S., Administratrix of the Estate of Cedric William
Thornton, Deceased, v. Johns-Manville Corporation, et al
Virginia: In the Circuit Court of the City of Portsmouth
Unnumbered

Thornton, John A. & Charles W. Ay v. J-M Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C161864

Tomplait vs. Combustion Engineering, Inc., et al
U.S. District Court for Eastern District of Texas, Beaumont Division
Civil Action No. 5402

Trahan vs. Johns-Manville International Corp., et al
U.S. District Court for Southern District of Texas, Houston Division
Civil Action 75-H-905

Tretter v. Johns-Manville Corp. & Johns-Manville Products Corp., et al
U.S. District Court for Eastern Div., Eastern District of Missouri
Civil Action No. 76-86 C(1)

Treadway vs. Johns-Manville Products Corp., et al
In the Circuit Court for Knox County, Tennessee
Docket No. 1-528-75

Tuck, Earle D. v. Combustion Engineering, Inc., et al
U.S. District Court, Charleston Division, South Carolina
Civil Action No. 77-0415

Turley, Martis v. Combustion Engineering, Inc., J-M Products Corp., et al
U.S. District Court, Northern District of Georgia, Gainesville Div.
Civil Action No. C76-108

Turner, Charles David v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, County of Greenville, State of South Carolina
Unnumbered

Turner, R.L. v. Combustion Engineering, Inc., J-M Products Corp., et al
Court of Common Pleas, Charleston County, South Carolina
Unnumbered

Turner, William A. v. Johns-Manville Products Corp., et al
District Court, City and County of Denver, Colorado
Civil Action No. C-70276

Tuttle, Harold D. v. Johns-Manville Products Corp., et al.
District Court, Boulder County, CO
Unnumbered

Tuttle, Jack v. Johns-Manville Sales Corporation, et al
District Court, City and County of Denver, State of Colorado
Docket No. not Shown

Valiska, Admin. v. Johns-Manville Products Corp.
Circuit Court, Cook County, Illinois County Department, Law Division
Case No. 761 2913

Vaughn, James William v. Johns-Manville Corporation, et al
Circuit Court of the City of Norfolk, Virginia
Case No. L-76-1725

Velasquez vs. Johns-Manville Products Corp., et al
Superior Court of California, County of San Francisco
Case No. 681-172

Viator vs. Johns-Manville International Corp., et al
U.S. District Court for Southern District of Texas, Houston Division
Civil Action 75-H-867

Vice v. Johns-Manville Products Corporation, et al
U.S. District Court for Eastern District of Texas, Beaumont Division
Civil Action File No. B-76-115-CA

Vidou, Julian v. Johns-Manville Products Corporation
U. S. District Court for the District of Connecticut
Case No. H77-178

Wadley vs. Johns-Manville Products Corp., et al
Superior Court, City and County of San Francisco, California
Civil Action No. 697-762

Wagner, Larry & Maxine Ellen v. Johns-Manville Products Corp., et al
District Court, County of Boulder, Colorado
Unnumbered

Walker, Fred R. v. Johns-Manville Corp., et al
Circuit Court of the City of Newport News, Virginia
Law No. 2959-G

Ward, Presley v. Johns-Manville Products Corp., J-M Sales Corp., et al
U.S. District Court, Eastern District of Texas, Marshall Div.
Civil Action No. M-76-73-CA

Ward, R. v. Johns-Manville Products Corp., et al
United States District Court for the District of Connecticut
Civil Action File No. H76-54

Waters, Horace G., Jr. v. Johns-Manville Products Corporation, et al
U.S. District Court, Northern District of Georgia, Atlanta Division
Civil Action No. C77-633A

Weirauch, Josephine M., as general fiduciary of the estate of Alfred Fredrick Weirauch, deceased, v. Johns-Manville Sales Corporation, et al
Circuit Court for the County of Wayne, State of Michigan
Case No. 77-711317-NP

Wesberry vs. Johns-Manville International Corp., et al
U.S. District Court for Southern District of Texas, Houston Division
Civil Action 75-H-865

Wesberry, J. R. vs. Johns-Manville International Corp., et al
U.S. District Court for Southern District of Texas, Houston Division
Civil Action File No. 76-H-116

West, Emma L., Administratrix of the Estate of Nebraska Sanders v. Bell's Asbestos, Johns-Manville Products Corp., et al
U.S. District Court, District of New Jersey
Civil Action No. 76-2254

West, Oroville T., Peter DeLuca, and Leatualii Fautanu v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C161701

White, Evelyn, Executrix of the Estate of Walter F. White, Deceased v. Combustion Engineering, Inc., Johns-Manville Products Corp., et al
Court of Common Pleas, County of Greenville, State of South Carolina
Unnumbered

White, John E. v. Combustion Engineering, Inc., Johns-Manville Products Corp.,
Court of Common Pleas, County of Greenville, South Carolina
Unnumbered

White, John W., et al vs. Johns-Manville Products Corp., et al
In the Circuit Court for Knox County, State of Tennessee
Civil Action No. 3-672-75

White, John W. et al v. Johns-Manville Corporation et al
U.S. District Court, Eastern District of Virginia, Newport News Div.
Civil Action No. 76-178-NN

Wilks v. Johns-Manville Sales Corp., and Johns-Manville Fiber Glass, Inc., et al
U.S. District Court, Southern District West Virginia, at Huntington
Civil Action No. 75-0023-H

Wilson, Ray B., et al v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C177502

Wimberly, Viola v. Johns-Manville Products Corp., et al
Port Arthur, Jefferson County, Texas
Civil Action No. B-74-224-CA

Winborne, John R. v. Johns-Manville Corp., Johns-Manville Sales Corp., et al
U.S. District Court, Eastern District of Virginia, Norfolk Div.
Civil Action No. 77-273-N

Womack, William B. v. Johns-Manville Products Corp., et al
Superior Court, State of California, County of Los Angeles
Case No. C177501

Woodcock, Lucas v. Johns-Manville Corporation, et al
U.S. District Court, Eastern District, Richmond Division
Civil Action No. 77-0155-R

Woodcock, Melvin v. Johns-Manville Corporation, et al
U.S. District Court, Eastern District, Richmond Division
Civil Action No. 77-0158-R

Woody, Edwin James & Roberta v. Johns-Manville Sales Corp., et al
Circuit Court for Knox County, Tennessee
Civil Action No. 2-126-77

FIBER GLASS CASES

Alexander, Mr. & Mrs. Warner Max vs. B&N Heating & Air Conditioning,
Flick Supply Co., PPG Industries Inc.
New Orleans, U.S. District Court for Eastern District of Louisiana
Case No. 73-1969, Section G

DIATOMACEOUS EARTH CASES

Ingraham, Bette A., Administratrix of the Estate of Benjamin
Ingraham, Jr., v. Johns-Manville Corp., Johns-Manville Sales
Corp., Johns-Manville Products Corp.
U.S. District Court, Northern District of Indiana, Hammond Div.
Civil Action No. H-77-24

EXHIBIT C

BROYLES, ALLEBAUGH & DAVIS, INC./PRINT ADVERTISING SCHEDULE

CLIENT JOHN-MANVILLE (JFI)

PERIOD Dec.-Jan. Closings

DATE Revised 11/15/73

PLACING DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (X)	POSITION	AD NO	KEY NO.	SUBJECT OR HEADLINE	AD COST
(Changes in sizes and price)										
1/20	March	METAL BUILDING REVIEW	1/3 p.	B/W			JFI 73-1		See How J-M Systems...	140.00
12/5	Jan.	HEATING/PIPING/ AIR CONDITIONING	1/3 p.	B/W			JFI 73-2		The News In...	455.00
12/1	Jan.	AIR CONDITIONING REFRIGERATION BUS.	1/3 p.	B/W			JFI 73-2		The News In...	485.00
1/20	Feb.	INDOOR COMFORT NEWS	2c. x 4 1/2"	B/W			JFI 73-2		The News In...	65.00
1/23	Feb. 4	AIR CONDITIONING, HEATING & REFRIG- ERATION NEWS	2c. x 4 1/2"	B/W			JFI 73-2		The News In...	270.00
1/1	Feb.	CONTRACTOR	1/3 p.	B/W			JFI 73-2		The News In...	540.00

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~~Sept. 27, 1973~~

CLOSING DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (X)	POSITION	AD NO.	KEY NO.	SUBJECT OR HEADLINE	AD COST
Oct. 1	Nov.	Plastics World	spread	4/C	X		JFR73-1	100	T-MATE(TM) 407FX	4,976.10
										4514.40*
									*Price adjustment. Discount earned because of 5 insertions in 1974.	

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BOOKED, ALLEBAUGH & DAVIS, HICKORY ADVERTISING SCHEDULE

CLIENT: JOHNS-MANVILLE (INDUSTRIAL)

PERIOD: February, 1974

DATE: 1/2/74

SING DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Reel (X)	POSITION	LT SEC	LT MIN	CORRECT OFF	ALONG	AD COST
1/5	Feb.	HEATING, PIPING, AIR CONDITIONING	Page	B&W		JMI73-3				More & Better Insulation	
12/20	Feb.	NICA OUTLOOK	Page	B&W		JMI73-3				More & Better Insulation	
1/5	Feb.	POWER	Page	B&W		JMI73-3				More & Better Insulation	
1/20	Feb.	HYDROCARBON PROCESSING	Page	B&W		JMI73-3				More & Better Insulation	
1/7	2/4	CHEMICAL ENGINEERING	Page	B&W		JMI73-3				More & Better Insulation	

BROVLES, ALLENBAUGH & DAVIS, INC. / PRINT ADVERTISING SCHEDULE

Revised 1/15/74

2nd Revision 1/24/74 DATE 1/24/74

CUSTOMER JOHNS-MANVILLE (INDUSTRIAL)

PERIOD March, 1974

ISSUE DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	INCHES (N)	POSITION	AD NO.	KEY NO.	SUBJECT OR HEADLINE	AD COST
2/5	March	HEATING, PIPING, AIR CONDITIONING	Page	B&W			JMI73-4		Fuel Costs	
1/20	March	NICA OUTLOOK	Page	B&W			JMI73-4		Fuel Costs	
2/7	March	POWER	Page	B&W			JMI73-4		Fuel Costs	
2/20	March	HYDROCARBON PROCESSING	Page	B&W			JMI73-4		Fuel Costs	
2/4	3/4	CHEMICAL ENGINEERING	Page	B&W			JMI73-4		Fuel Costs	
ADDITION:										
2/5	March	MARINE ENG. LOG.	Page	B&W			JMI74-3		J-M Marine Products	
2nd ADDITION:										
12.	March	MARINE CATALOG & BUYERS GUIDE	Page	B&W			JMI74-3		J-M Marine Products	
1/25										
3rd ADDITION:										
2/12	March	HEATING/COMBUSTION EQUIPMENT NEWS (bimonthly)	2 pg.	2/C			JMI73-1		J-M Insulating Firebrick	

Revised 2/21/74

DATE 2/19/74

CLIENT JOHNS-MANVILLE (INDUSTRIAL)

INSER- TION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (X)	POSITION	AD NO.	KEY NO	SUBJECT OR HEADLINE	AD COST
3/15 April	AMERICAN CERAMIC SOCIETY BULLETIN	spread	2/C (4A orange)			JMI73-1		J-M Insulating Firebrick	
ADDITION:									
3/1 April	IRON AGE	spread	L&Orange			JMI 73-1		J-M Insulating Firebrick	
2nd ADDITION:									
3/5 April	MARINE ENGINEERING/ LOG	Page	B&W			JMI74-3		J-M Marine Products	
2/29 April	NICA OUTLOOK	Page	B/Blue/ Red			they have		Good News for America	

Revised 4/24/74

DATE 04/22/74

CLIENT JOHNS-MANVILLE (JMI)

ISSUE DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Black (X)	POSITION	AD NO.	REV NO.	SUBJECT OR HEADLINE	AD COST
5/1	June	INSULATIONS/CIRCUITS	SPD	4c/B&W	X/		74-1R		TV Bord	
4/20	June	NICA OUTLOOK	PG.	B&W			73-3		More and Better Insulation	
5/5	6/15	MARINE ENGR. LOG	PG	B&W			74-3		Ship In Desert	
4/15	74	INSULATIONS CIRCUITS DIRECTORY	Spread	4-C/B&W	X/		74-1R		TV Bord	

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August

DATE 6/26/74

ISSUING OFFICE	EXPIRATION DATE	PUBLICATION	AD SIZE	COLOR	Fixed or V	POSITION	AD NO.	KEY NO	SUBJECT OR HEADLINE	AD COST
11	Aug.	Hydraulics & Pneumatics	Page	4/C	X		74-7		Uneethane/Carboxylated Buna N	
20	Aug.	NICA Outlook	Page	B&W			73-2		(Ind. Insulations, Coatings, Jackets) "Insulation"	
1	Aug.	Insulation/Circuits	Spread	4/C & B&W	X/		74-1R		TV Bord	
CONDITIONS:										
17	Mid-Aug.	NUCLEAR NEWS	Spread	insert	to come from J-M		74-10		J-M Reflective	
26	6/15	MARITIME REPORTER	Page	B&W			74-3		Ship in Desert	

EXHIBIT A

Asbestos Bearing Industrial Thermal Insulation Products

<u>PRODUCT</u>	<u>Date Commenced</u>	<u>Date Discontinued</u>
<u>Block</u>		
85% Magnesia	1902	1970
SUPEREX-M	1930	1970
SUPEREX 1900	1922	1972
SUPEREX 2000		1972
THERMOBESTOS	1939	1973
Silicated THERMOBESTOS	1966	1973
<u>Pipe</u>		
ASBESTOCEL (aircell)	1902	1965
ANTI-SWEAT	1903	1965
85% Magnesia	1902	1970
SUPEREX-M	1930	1970
SUPEREX 1900	1922	1972
THERMOBESTOS	1939	1973
Silicated THERMOBESTOS	1966	1973
METAL-ON	1959	1973
<u>Sheets</u>		
ASBESTOCITE	1927	1975
<u>Finishes</u>		
AERTITE	1926	
INSULKOTE SG	1929	
INSULKOTE ST	1929	
INSULKOTE ET	1929	
<u>Paper, Felt, Blankets</u>		
Asbestos Roll FIRE FELT	1891	1973
D. C. FLEXSTONE	1929	
Asbestos Firetard	1931	
#50 Asbestos Weatherproofing Felt	1931	
Commercial Grade Asbestos Paper	1929	
15A Asbestos Jacket	1931	
45A Asbestos Jacket	1931	
7700 Coated Asbestos Jacket	1931	
Asbestos Turbine Blanket	1951	
Asbestos FIRE FELT	1891	1962
ASBESTOS-SPONGE FELT	1890	1961
Asbestos Pipe Blanket	1898	1960
Engineers Insulating Tape	1926	1956
White Surface Asbestos Jacket	1931	1968
THERMOWRAP	1951	1954
THERMOTAPE	1951	1964
<u>Cements</u>		
SUPEREX Cement	1931	1973
THERMOBESTOS Cement	1959	1969
LAPTITE Cement	1952	
Fibrous Adhesive	1930	
302 Cement	1930	1970
352 Cement	1930	1973
301 Cement	1953	1971
450 Cement	1930	1972
500 Cement	1933	1972
85% Magnesia Cement	1931	1970
300 Cement	1932	1970
304 Cement	1931	1969
340 Cement	1931	1969
0352 Cement	1931	1969
364 Cement	1930	1955
400 Cement	1931	1969

DATE - 1976-3-75

JOHNSTON JOHNS-NANVILLE--INDUSTRIAL PRODUCTS DIVISION

[illegible]

JOHN MANVILLE--INDUSTRIAL PRODUCTS DIVISION

PERIOD December, 1975

DATE 10'23/75

[illegible]

PERIOD	DATE
November, 1975	9/23/75

[illegible]

PRINT ADVERTISING SCHEDULE

Revised 9/2/75

CLIENT JOHNS-MANVILLE (JMI)

PERIOD October, 1975

DATE 8/28/75

BOOKING DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (X)	POSITION	AD NO.	KEY NO.	SUBJECT OR HEADLINE	AD COST
9/10	Oct.	Nuclear News	Spread	4C/B&W	X		74-17		Research	
9/5	Oct.	Heating, Piping & Air Conditioning	Spread	4C/B&W	X		74-20		TIC	
9/5	Oct.	Actual Specifying Engineer	Spread	4C/B&W	X		74-17		Research	
8/20	Oct.	NICA Outlook	Page	B&W			75-1		Thermo-12	
9/15	10/6	Oil & Gas Journal	Spread	4C/B&W	X		74-19		Insulation	
9/8	10/6	Chemical Engineering	Spread	4C/B&W	X		74-19		Insulation	
9/30	10/30	Plant Engineering	Spread	4C/B&W	X		84-19		Insulation	
9/10	10/13	Iron Age	Spread	4C/B&W	X		74-17		Research	
9/10	Oct.	Primary Metals Ed. Heating/Combustion Equipment News	Spread	4C/B&W	X		74-18		Refractories	
9/10	Oct.	Industrial Heating	Spread	4C/B&W	X		74-17		Research	
9/10	Oct.	American Ceramic Society Bulletin	Spread	4C/B&W	X		74-17		Research	
9/13	Oct.	Brick & Clay Record	Spread	4C/B&W	X		74-17		Research	
9/1	Oct.	Appliance Manuftr.	Page	4C	X		75-5		Tuf-Skin	
9/4	10/2	Machine Design	Spread	4C	X		JEM 74-7		OEM	
9/18	10/16	Machine Design	Spread	4C	X		JEM 74-7		OEM	
9/5	Oct.	Materials Engng.	Spread	4C	X		JEM 74-7		OEM	
10/8	10/20	Air Conditioning, Heating & Refrigeration News	Spread	4C	X		JEM 74-1		Closure Systems	
9/1	Oct.	Air Conditioning & Refrigeration Business	Page	B&Yellow	X	*	JMI 75-9		Fabrication Manual	
9/1	9/22	Air Conditioning, Heating & Refrigeration News	Page	B&Yellow	X	*	JMI 75-9		Fabrication Manual	
Previously Ordered:										
9/5	Oct. 21-23	SMACNA Convention Daily	Spread	4C	X		JFM 74-19		Closure Systems (repeat last year's ad)	
9/24	Oct.	Heating/Combustion Equipment News Buyers Guide	6 pgs.	B&Blue	X	consecutive			Refractory Products	
ADDITION:										
9/1	Oct.	Insulation/Circuits	Page	4C	X		74-16		Quintex	

ADVERTISING SCHEDULE

CUSTOMER: JOHNS-MANVILLE (JMI)

PERIOD: October, 1975

DATE: 8/28/75

BOOKING DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Revised (X)	POSITION	AD NO.	KEY NO.	SUBJECT OR HEADLINE	AD COST
2/10	Oct.	Nuclear News	Spread	4C/B&W	X		74-17		Research	
9/5	Oct.	Heating, Piping & Air Conditioning	Spread	4C/B&W	X		74-20		TIC	
9/5	Oct.	Actual Specifying Engineer	Spread	4C/B&W	X		74-17		Research	
9/20	Oct.	NICA Outlook	Page	B&W			75-1		Thermo-12	
9/15	10/6	Oil & Gas Journal	Spread	4C/B&W	X		74-19		Insulation	
9/8	10/6	Chemical Engineering	Spread	4C/B&W	X		74-19		Insulation	
9/30	10/30	Plant Engineering	Spread	4C/B&W	X		84-19		Insulation	
9/13	10/13	Iron Age--	Spread	4C/B&W	X		74-17		Research	
		Primary Metals Ed.								
9/10	Oct.	Heating/Combustion Equipment News	Spread	4C/B&W	X		74-18		Refractories	
9/10	Oct.	Industrial Heating	Spread	4C/B&W	X		74-17		Research	
9/10	Oct.	American Ceramic Society Bulletin	Spread	4C/B&W	X		74-17		Research	
9/13	Oct.	Brick & Clay Record	Spread	4C/B&W	X		74-17		Research	
9/1	Oct.	Appliance Manuftr.	Page	4C	X		75-5		Tuf-Skin	
9/4	10/2	Machine Design	Spread	4C	X/		JFM 74-7		OEM	
9/18	10/16	Machine Design	Spread	4C	X/		JFM 74-7		OEM	
9/5	Oct.	Materials Engng.	Spread	4C	X/		JFM 74-7		OEM	
9/8	10/20	Air Conditioning, Heating & Refrigeration News	Spread	4C	X		JFM 74-1		Closure Systems	
9/1	Oct.	Air Conditioning & Refrigeration Business	Page	B&Yellow	X	*	JMI 75-9		Fabrication Manual	
9/10	9/22	Air Conditioning, Heating & Refrigeration News	Page	B&Yellow	X	*	JMI 75-9		Fabrication Manual	
eviously Ordered:										
9/5	Oct. 21-23	SNACNA Convention Daily	Spread	4C	X		JFM 74-19		Closure Systems (repeat last year's ad)	
9/24	Oct.	Heating/Combustion Equipment News Buyers Guide	6 pgs. B&Blue		X	consecutive			Refractory Products	

* Must be right-hand page. Pub is not to set bingo card number

Revised 8/5/75

DATE ~~5-28-75~~

PERIOD

CLIENT **JOHNS-MANVILLE (JMI)**

[illegible]

ISSUING DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (A)	POSITION	AD NO.	KEY NO.	SUBJECT OR HEADLINE	AD COST
8/11	9/8	Industry Week	Spread	4C/B&W	X		74-19		Insulation	
8/10	Sept.	Nuclear News	Spread	4C/B&W	X		74-20		Total Insulation Capability	
8/5	Sept.	Heating, Piping, Air Conditioning	Spread	4C/B&W	X		74-17		Research	
8/5	Sept.	Actual Specifying Engineer	Spread	4C/B&W	X		74-20		Total Insulation Capability	
7/20	Sept.	NICA Outlook	Page	B&W			75-1		Thermo-12	
8/11	9/1	Oil & Gas Journal	Spread	4C/B&W	X		74-19		Insulation	
8/1	9/22	Oil & Gas Journal	Spread	4C/B&W	X		74-17		Research	
8/1	9/29	Chemical Engng.	Spread	4C/B&W	X		74-17		Research	
8/5	9/4	Plant Engineering	Spread	4C/B&W	X		74-20		Total Insulation Capability	
8/1	Sept.	Power	Spread	4C/B&W	X		74-17		Research	
8/15	9/15	Iron Age (primary metals ed.)	Spread	4C/B&W	X		74-18		Refractories	
8/10	Sept.	Heating/Combustion Equipment News	Spread	4C/B&W	X		74-18		Refractories	
8/10	Sept.	American Ceramic Society Bulletin	Spread	4C/B&W	X		74-18		Refractories	
8/13	Sept.	Brick & Clay Record	Spread	4C/B&W	X		74-18		Refractories	
8/1	Sept.	Insulation/Circuits	Page	4C	X		74-16		Quintex	
8/1	Sept.	Hydrocarbon Processing	Spread	4C/B&W	X		74-19		Insulation	
8/1	Sept.	Appliance Manuftr.	Page	4C	X		75-5		Tuf-Skin	
8/7	9/4	Machine Design	Spread	4C	X/		JFM 74-7		OEM	
8/21	9/18	Machine Design	Spread	4C	X/		JFM 74-7		OEM	
8/5	Sept.	Materials Engng.	Spread	4C	X/		JFM 74-7		OEM	

DATE 06/26/75

PERIOD August, 1975

ADDITION:

PERIOD August, 1975

DATE 06/26/75

LOSING DATE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (A)	POSITION	AD NO.	KFY NO.	SUBJECT OR HEADLINE	AD COST
07/14	08/11	INDUSTRY WEEK	2 Page	4/C,B&W X/X	X/X	JMI-74-	19		Insulation	
07/28	08/25	INDUSTRY WEEK	2 Page	4/C,B&W X/		JMI-74-	18		Refractories	
07/10	August	NUCLEAR NEWS	2 Page	4/C,B&W X/		JMI-74-	19		Insulation	
07/05	August	HEAT PIPING AIR-CONDITIONING	2 Page	4/C,B&W X/		JMI-74-	19		Insulation	
07/22	August	ACTUAL SPECIFYING ENGINEER	2 Page	4/C,B&W X/		JMI-74-	17		Research	
07/20	August	NICA Outlook	Page	B&W		JMI-75-	1	T-12		
07/07	08/04	CHEMICAL ENGINEERING	2 Page	4/C,B&W X/		JMI-74-	19		Insulation	
07/01	August	POWER	2 Page	4/C,B&W X/		JMI-74-	20	TIC		
07/18	08/18	IRON AGE	2 Page	4/C,B&W X/		JMI-74-	18		Refractories	
07/10	August	INDUSTRIAL HEATING	2 Page	4/C,B&W X/		JMI-74-	18		Refractories	
07/13	August	BRICK & CLAY RECORD	2 Page	4/C,B&W X/		JMI-74-	18		Refractories	
07/01	August	HYDROCARBON PROCESSING	2 Page	4/C,B&W X/		JMI-74-	17		Research	
06/26	07/24	MACHINE DESIGN	2 Page	4/C,B&W X/		JFM-74-	7	OEM Capabilities		

INS	INSERION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (A)	POSITION	AD NO.	KEY NO.	SUBJECT OR HEADLINE	AD COST
5	July	Heating/Piping/ Air Conditioning	Spread	4C/B&W	X/		74-20		TIC	
20	July	NICA Outlook	Page	B&W			75-1		Thermo-12	
24	7/24	Plant Engineering	Spread	4C/B&W	X/		74-17		Research	
15	July	Power	Spread	4C/B&W	X/		74-18		Refractories	
10	July	Heating/Combustion Equipment News	Spread	4C/B&W	X/		74-17		Research	
13	July	Brick & Clay Record	Spread	4C/B&W	X/		74-18		Refractories	
1	July	Hydrocarbon Processing	Spread	4C/B&W	X/		74-19		Insulations	
ADDITION:										
71	July	Appliance Manufacturer	Page	4/C	X		75-5		Tuf-Skin	
ADDITION:										
July		American Ceramic Society Bulletin	Spread	4C/B&W	X/		74-18		Refractories	repeat April

DATE 6/22/75

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DATE 3/20/75

May 1975

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DATE: 3/20/75

DATE: 3/20/75

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PROFESS. AUBAUGH & DAVIS, INC. PRINT ADVERTISING SCHEDULE
2nd Revision 2/28/75
Revised 2/24/75

JOHNS-MANVILLE (JMI)

April 1975

DATE

2/19/75

NO.	DATE	PUBLICATION	AD SIZE	COLOR	Bleed (in)	POSITION	AD NO	KEY NO	SUBJECT OR HEADLINE	AD COST
1	April	Insulation/Circuits	Page	4/C	X		74-16		Quintex	
17	4/14	Industry Week	Spread	4C/B&W	X/		74-17		Research	
31	4/28	Industry Week	Spread	4C/B&W	X/		74-18		Refractories	
10	April	Nuclear News	Spread	4C/B&W	X/		74-20		TIC	
5	April	Heating, Piping, Air Conditioning	Spread	4C/B&W	X/		74-20		TIC	
5	April	Actual Specifying Engineer	Spread	4C/B&W	X/		74-20		TIC	
20	April	NICA Outlook	Page	B&W			75-1		T-12	
20	April	Hydrocarbon Processing	Spread	4C/B&W	X/		74-19		Insulations	
3	3/31	Chemical Engng.	Spread	4C/B&W	X/		74-20		TIC	
31	4/28	Chemical Engng.	Spread	4C/B&W	X/		74-19		Insulations	
18	4/17	Plant Engng.	Spread	4C/B&W	X/		74-20		TIC	
1	April	Power	Spread	4C/B&W	X/		74-20		TIC	
28	4/28	Iron Age--Primary Metals Edition	Spread	4C/B&W	X/		74-18		Refractories	
10	April	Industrial Heating	Spread	4C/B&W	X/		74-18		Refractories	
10	April	American Ceramic Society Bulletin	Spread	4C/B&W	X/		74-18		Refractories	
13	April	Brick & Clay Record	Spread	4C/B&W	X/		74-18		Refractories	
NOTES:										
April	April	Architectural Record	Spread	4C/B&W	X/		JFM 74-14		Metal buildings	
April	April	Indust. Construction	Spread	4C/B&W	X/		JFM 74-14		Metal buildings	
April	April	Metal Bldg. Review	Spread	4C/B&W	X/		JFM 74-14		Metal buildings	
April	April	C.I. & Gas Int.	Spec.	4/2-174 X/			74-19		Insulations	
3d ADDITION:										
10	4/30	ASNE Day Program	Page	B&W			JMI 75-2		Marine Products	

BROYLES, ALLEBAUGH & DAVIS, INC. PRINT ADVERTISING SCHEDULE

Revised 2/24/75

JOHNS-MANVILLE (JMI)

PERIOD April 1975

DATE 2/19/75

LINE NO.	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (X)	POSITION	AD NO.	KEY NO.	SUBJECT OR HEADLINE	AD COST
1	April	Insulation/Circuits	Page	4/C	X		74-16		Quintex	
17	4/14	Industry Week	Spread	4C/B&W	X/		74-17		Research	
31	4/28	Industry Week	Spread	4C/B&W	X/		74-18		Refractories	
10	April	Nuclear News	Spread	4C/B&W	X/		74-20		TIC	
5	April	Heating, Piping, Air Conditioning	Spread	4C/B&W	X/		74-20		TIC	
5	April	Actual Specifying Engineer	Spread	4C/B&W	X/		74-20		TIC	
20	April	NICA Outlook	Page	B&W			75-1		T-12	
20	April	Hydrocarbon Processing	Spread	4C/B&W	X/		74-19		Insulations	
3	3/31	Chemical Engng.	Spread	4C/B&W	X/		74-20		TIC	
31	4/28	Chemical Engng.	Spread	4C/B&W	X/		74-19		Insulations	
18	4/17	Plant Engng.	Spread	4C/B&W	X/		74-20		TIC	
1	April	Power	Spread	4C/B&W	X/		74-20		TIC	
28	4/28	Iron Age--Primary Metals Edition	Spread	4C/B&W	X/		74-18		Refractories	
10	April	Industrial Heating	Spread	4C/B&W	X/		74-18		Refractories	
10	April	American Ceramic Society Bulletin	Spread	4C/B&W	X/		74-18		Refractories	
13	April	Brick & Clay Record	Spread	4C/B&W	X/		74-18		Refractories	
ADDITIONS:										
April	Architectural Record	Spread	4C/B&W	X/		JFM 74-14			Metal buildings	
April	Indust. Construction	Spread	4C/B&W	X/		JFM 74-14			Metal buildings	
April	Metal Bldg. Review	Spread	4C/B&W	X/		JFM 74-14			Metal buildings	

PERIOD

DATE 2/19/75

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Revised 11/6/74

JOHNS-MANVILLE (JFM)

PERIOD December

DATE 10/22/73

LINE	INSERTION DATE	PUBLICATION	AD SIZE	COLOR	Bleed (X)	POSITION	AD NO.	KEY NO.	SUBJECT OR HEADLINE	AD COST
1/20	Dec.	NICA OUTLOOK	Page	B&W	X		74-3		TINA	
1/1	Dec.	HEATING/PIPING/ AIR CONDITIONING	Page	B&W	X		74-3		TINA	
1/11	Dec.	NEW PRODUCT NEWS	Page	4/C	X		73-7		Tuf-Skin	
1/15	Jan. 1	ASNE Membership Directory (American Society of Naval Engineers)	1/4 page	B&W			74-12		Marine Products	

JOHN-MANVILLE (JMI)

PRIOD December

DATE 10/22/74

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DATE 9/27/74

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BROYLES, ALLEBAUGH & DAVIS, INC./MEDIA SCHEDULE

Commercial

DATE 10th Rev. 10/4/76

PERIOD 1976

Industrial & Insulations

JOHNS-MANVILLE (IPD)--

Issue		Feb. 2	Mar. 1*, 29	May 10	June 7*	Aug. 30	
Closes		1/5	2/3 3/1	4/12	5/10	8/2	
Space		Spread	Spd. Pg.	Spread	Spread	Spread	
Ad No.		74-17R	74-20R 75-16	75-12	76-4	75-13	
Key No.							
Subject		R&D	Insul. 650	TIC-2	CON-1	T-12	
Cost		4690.	6420.	3360.	5660.	5660.	
Issue			April	May*		Aug.*	Dec.*
Closes			3/1	4/1		7/1	11/1
Space			Page	Spread		Spread	Page
Ad No.			75-16	65-13		76-4R	75-16R
Key No.							
Subject			650	T-12		CON-1	650
Cost			2010.	3360.		3360.	2010.
Issue		mid-Feb.	April	May	June	Aug.	Sept.
Closes		12/29	3/10	4/10	5/10	7/10	8/10
Space		Spread	Page	Page	Spread	Page	Spread
Ad No.		74-20R	76-4R	75-16	75-13	75-16	74-20R
Key No.							
Subject		TIC-1	CON-1	650	T-12	650	TIC-1
Cost		2300.	1965.	1355.	1840.	1170.	1840.
Issue		Feb. 23	Mar. 29	Apr. 26	June 21*	Sept. 6	
Closes		2/2	3/8	4/5	5/31	8/16	
Space		Spread	Page	Spread	Spread	Page	
Ad No.		74-19R	75-16	76-4R	75-13	75-16	
Key No.							
Subject		Insul. 650	CON-1	T-12		650	
Cost		2630.	2030.	3410.	3410.	2030.	
Issue		Feb. 5*	Apr. 1*, 29	May 13*	June 10* July 22*	Aug. 19*	
Closes		1/6	3/2 3/20	4/13	5/11 6/22	7/20	
Space		Spread	Spd. Pg.	Spread	Spread	Spread	
Ad No.		74-17R	76-4R	75-16	75-13	75-16	75-13
Key No.							
Subject		R&D	CON-1	650	TIC-2	650	T-12
Cost		6230.	5400.	3080.	5200.	2900.	5200.
Issue		Feb.*	April	May	June*	Sept.	Oct.
Closes		1/1	3/1	4/1	5/1	8/1	9/1
Space		Spread	Spread	Page	Spread	Spread	Spread
Ad No.		74-20R	75-13	75-16	75-13	75-20R	76-4R
Key No.							
Subject		TIC-1	T-12	650	T-12	Engy. Mgmt. Guidbk.	TIC-1
Cost		5000.	4440.	2540.	N/C	3185.	4420.
Issue							
Closes							
Space							
Ad No.							
Key No.							
Subject							
Cost							

Issue	March	April	May*	July*	Aug.*	Sept.
Closes	2/1	3/1	4/1	6/1	7/1	8/1
Space	Spread	Page	Spread	Page	Page	Page
Ad No.	74-17R	75-16	75-13	75-14	75-16	75-14
Key No.						
Subject	R&D	650	T-12	CON-2	650	CON-2
Cost	3000.	1450.	2500.	1450.	1450.	1450.
Issue	Jan.	March	April	July	Aug.	
Closes	12/5	2/5	3/5	6/5	7/5	
Space	Spread	Page	Gatefold	Spread	Page	
Ad No.	74-19R	75-14	76-2	75-13	75-16	
Key No.						
Subject	Insul.	CON-2	TIC-2	T-12	650	
Cost	3050.	1775.	4880.	2340.	1445.	
Issue	Feb.*	May	June*	Aug.	Sept.*	
Closes	1/5	4/5	5/5	7/5	8/5	
Space	Spread	Spread	Page	Spread	Page	
Ad No.	74-17R	75-12	75-14	75-13	75-16	
Key No.						
Subject	R&D	TIC-2	CON-2	T-12	650	
Cost	3080.	2380.	1380.	2142.	1242.	
Issue						
Closes						
Space						
Ad No.						
Key No.						
Subject						
Cost						
Issue	Feb. 23	Mar. 22	May 24*	June 28*	July 19	
Closes	1/26	2/23	4/26	5/31	6/14	
Space	Spread	Spread	Spread	Spread	Spread	
Ad No.	74-17R	75-13	76-4R	75-12	76-4R	
Key No.						
Subject	R&D	T-12	CON-1	TIC-2	CON-1	
Cost	9537.	8678.67	8392.56	8592.56	8392.56	
Issue						
Closes						
Space						
Ad No.						
Key No.						
Subject						
Cost						
Issue						
Closes						
Space						
Ad No.						
Key No.						
Subject						
Cost						

SEA OUTLOOK	Issue	March	April	May	June	July	Aug.	Oct.	Dec.
	Closes	1/20	2/20	3/20	4/20	5/20	6/20	8/20	10/20
	Space	Page	4-pg.	4-pg.	4-pg.	4-pg.	4-pg.	4-pg.	4-pg.
	Ad No	75-1	75-22	75-22	75-22	75-22	75-22	75-22	75-22 R
	Key No								
	Subject								
	Cost	282.36	564.72	564.72	870.61	870.61	870.61	870.61	870.61
	Issue								
	Close								
	Space								
HLV TOTALS, lations:	Ad No								
	Key No								
	Subject								
	Cost	33,467.	27,199.72	31,952.28	26,953.17	21,297.61	5290.61	2085.	2880.61
	Issue	3050.	25,546.03	31,952.28	15,953.17	9747.			
	Close								
	Space								
	Ad No								
	Key No								
	Subject								
D TOTAL, lations:	Cost								
	Issue								
	Close								
	Space								
	Ad No								
	Key No								
	Subject								
	Cost								
	Issue								
	Close								
D TOTAL, lations:	Space								
	Ad No								
	Key No								
	Subject								
	Cost								
	Issue								
	Close								
	Space								
	Ad No								
	Key No								
D TOTAL, lations:	Subject								
	Cost								
	Issue								
	Close								
	Space								
	Ad No								
	Key No								
	Subject								
	Cost								
	Issue								

BROYES, ALLEBAUGH & DAVIS, INC./MEDIA SCHEDULE

DATE 10th Rev. 10/4/76

PERIOD 1976

CURRENT JOHNS-MANVILLE (IPD)--Refractories

Issue		April	May	July	
Closes		3/10	4/10	6/10	
Space		Spread	Spread	Spread	
Ad No.		74-18R	74-18R	74-18R	
Key No.					
Subject		Refrac.	Refrac.	Refrac.	
Cost		1675.50	1675.50	1675.50	
BR & CLAY					
Closes		1/13	4/13	6/13	Dec. 11/13
Space		Spread	Spread	Spread	Spread
Ad No.		74-18R	74-18R	74-18R	74-18R
Key No.					Int. Rev
Subject		Refrac.	Refrac.	Refrac.	Refrac.
Cost		2287.	2287.	2287.	2287.
CHEMICAL ENGINEERING					
Closes			June 21		
Space			5/23		
Ad No.			Spread		
Key No.			74-18R		
Subject			Refrac.		
Cost			5660.		
FOUNDRY					
Closes		April 1/1	May 4/1		
Space		Spread	Spread		
Ad No.		74-18R	74-18R		
Key No.					
Subject		Refrac.	Refrac.		
Cost		3399.99	3123.01	3087.92	
HEAT TREATING					
Closes		Feb. 1/1	April 3/1	July 6/1	Dec. 11/1
Space		Spread	Spread	Spread	Spd.
Ad No.		74-18R	74-18R	74-18R	74-18R
Key No.					
Subject		Refrac.	Refrac.	Refrac.	Refrac.
Cost		1580.	1580.	1580.	1580.
HEATING/COMBUSTION EQUIPMENT NEWS					
Closes		Jan/Feb 12/10	Mar/Apr 2/10	May/June 4/10	Nov/Dec 10/10
Space		Spread	Spread	Spread	Spread
Ad No.		74-18R	74-18R	74-18R	74-18R2
Key No.					
Subject		Refrac.	Refrac.	Refrac.	Refrac.
Cost		3039.	2927.	2591.	2591.

DATE: 10th Rev. 10/4/76

PERIOD 1976

CLIENT JOINS-MANVILLE (IPD)--Refractories

SUBJECT	Issue	Close	Space	Ad No	Key No	Subject	Cost	Jan. 5*	Feb. 1/10	April 3/10	May 24*	June 21	July 19	Aug. 7/10	Nov. 10/10	Dec. 11/10
INDUSTRIAL HEATING	Issue					Refrac.	2150.	Mar. 1		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Close					Refrac.	2150.	2/12		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Space					Refrac.	2150.	Spread		Spread	Page	Spread	Page	Spread	Page	Page
	Ad No					Refrac.	2150.	74-18R		74-18R	75-21	74-18R	75-21	74-18R	74-18R	74-18R
IRON AGE--Metal Producing Edition	Issue					Refrac.	3880.	Jan. 5*		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Close					Refrac.	3880.	12/31		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Space					Refrac.	3880.	Spread		Spread	Page	Spread	Page	Spread	Page	Page
	Ad No					Refrac.	3880.	74-18R		74-18R	75-21	74-18R	75-21	74-18R	74-18R	74-18R
MARINE ENGINEERING LOG	Issue					Refrac.	3880.	Jan. 5*		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Close					Refrac.	3880.	12/31		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Space					Refrac.	3880.	Spread		Spread	Page	Spread	Page	Spread	Page	Page
	Ad No					Refrac.	3880.	74-18R		74-18R	75-21	74-18R	75-21	74-18R	74-18R	74-18R
PLANT ENGINEERING	Issue					Refrac.	3880.	Jan. 5*		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Close					Refrac.	3880.	12/31		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Space					Refrac.	3880.	Spread		Spread	Page	Spread	Page	Spread	Page	Page
	Ad No					Refrac.	3880.	74-18R		74-18R	75-21	74-18R	75-21	74-18R	74-18R	74-18R
HYDROCARBON PROCESSING	Issue					Refrac.	3880.	Jan. 5*		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Close					Refrac.	3880.	12/31		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Space					Refrac.	3880.	Spread		Spread	Page	Spread	Page	Spread	Page	Page
	Ad No					Refrac.	3880.	74-18R		74-18R	75-21	74-18R	75-21	74-18R	74-18R	74-18R
1976 IRONMAKING PROCEEDINGS	Issue					Refrac.	3880.	Jan. 5*		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Close					Refrac.	3880.	12/31		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Space					Refrac.	3880.	Spread		Spread	Page	Spread	Page	Spread	Page	Page
	Ad No					Refrac.	3880.	74-18R		74-18R	75-21	74-18R	75-21	74-18R	74-18R	74-18R
1 Page	Issue					Refrac.	3880.	Jan. 5*		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Close					Refrac.	3880.	12/31		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Space					Refrac.	3880.	Spread		Spread	Page	Spread	Page	Spread	Page	Page
	Ad No					Refrac.	3880.	74-18R		74-18R	75-21	74-18R	75-21	74-18R	74-18R	74-18R
510.	Issue					Refrac.	3880.	Jan. 5*		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Close					Refrac.	3880.	12/31		3/10	5/6	6/3	7/1	7/10	10/10	11/10
	Space					Refrac.	3880.	Spread		Spread	Page	Spread	Page	Spread	Page	Page
	Ad No					Refrac.	3880.	74-18R		74-18R	75-21	74-18R	75-21	74-18R	74-18R	74-18R

Post Card #495

CLIENT JOHN'S-MANVILLE (IPD)--Refractories		PERIOD 1976		DATE 10th Rev. 10/4/76	
Issue	Jan.				
Closes	11/1/75				
Space	Pg. 2C				
Ad No.	75-19				
Key No.					
Subject	Mar. Ins.				
Cost	490.				
Issue	1976				
Closes	12/1/75				
Space	Pg. B&W				
Ad No.	75-23				
Key No.					
Subject					
Cost					
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BROYLES, ALLEBAUGH & DAVIS, INC./MEDIA SCHEDULE

DATE 10th Rev. 10/4/76

PERIOD 1976

CLIENT JOHN'S-MANVILLE (IPD)--OEM

COMPLIANCE MANUFACTURER	Issue	Jan.	Feb.*	April	June	Aug.	
	Closes	12/3	1/1	3/1	5/1	7/1	
	Space	Page	Page	Page	Spread	Page	
	Ad No.	75-5	75-5	75-5	JFM 74-7	75-5	
MACHINE DESIGN	Key No.						
	Subject	Tuf-Skin	Tuf-Skin	Tuf-Skin	OEM	Tuf-Skin	
	Cost	1800.	1800.	1695.	2740.	1695.	
	Issue	Feb. 12	Mar. 4*	May 6*	June 24*	Oct. 7*	
MATERIALS ENGINEERING	Closes	1/15	2/26	4/8	5/27	9/9	
	Space	Spread	Spread	Spread	Spread	Spread	
	Ad No.	JFM 74-7	JFM 74-7	JFM 74-7	JFM 74-7	JFM 74-7	
	Key No.						
MONTHLY TOTALS,	Subject	OEM	OEM	OEM	OEM	OEM	
	Cost	5908.	5908.	5376.28	5376.28	5376.28	
	Issue	March*	May*	July	Sept.	Nov.	
	Closes	2/5	4/5	6/5	8/5	10/5	
RELATIVE YTD TOTAL,	Space	Spread	Spread	Spread	Spread	Spread	
	Ad No.	JFM 74-7	JFM 74-7	JFM 74-7	JFM 74-7	JFM 74-7 R	
	Key No.						
	Subject	OEM	OEM	OEM	OEM	OEM	
AND TOTAL,	Cost	4215.	3885.	3885.	3885.	3885.	
	Issue						
	Closes						
	Space						
RELATIVE YTD TOTAL,	Ad No.						
	Key No.						
	Subject						
	Cost	7708.	1695.	8116.28	1695.	5376.28	-0-
AND TOTAL,	Issue	1800.	10,123.	9261.28	3885.	3885.	
	Closes						
	Space						
	Ad No.						
RELATIVE YTD TOTAL,	Key No.						
	Subject						
	Cost					57,429.84	
	Issue						
AND TOTAL,	Closes						
	Space						
	Ad No.						
	Key No.						
RELATIVE YTD TOTAL,	Subject						
	Cost						57,429.84

1

BROYLES, ALLEBAUGH & DAVIS, INC./MEDIA SCHEDULE AHS, pg. 2

JOHNS-MANVILLE (IPD)--Air Handling Systems 1976 DATE 10th Rev. 10/4/76

SMACNA CONVENTION DAILY	Issue								Oct.
	Closes								8/6
	Space								Spread
	Ad No.								JFM 74-IR
	Key No.								
1 Spread	Subject								Clos.
	Cost								1100.
	Issue								
	Closes								Dec.
	Space								10/31
WHOLESALE NAHW CONVENTION DAILY	Ad No.								Spread
	Key No.								JFM 74-7
	Subject								
	Cost								Clos.
	Issue								1210.
1 Spread	Subject								
	Cost								
	Issue								
	Closes								
	Space								
DE/JOURNAL-- Speed Postcards-- Demo II	Ad No.								
	Key No.								
	Subject								
	Cost								
	Issue								
2 postcards	Closes								
	Space								
	Ad No.								
	Key No.								
	Subject								
HEATING/PIPING/ AIR CONDITIONING CHECKBOOK POSTCARDS	Cost								
	Issue								
	Closes								
	Space								
	Ad No.								
1 postcard	Key No.								
	Subject								
	Cost								
	Issue								
	Closes								
SPECIFYING ENGINEER SPEC-INFO CARDS	Space								
	Ad No.								
	Key No.								
	Subject								
	Cost								
1 postcard	Issue								
	Closes								
	Space								
	Ad No.								
	Key No.								
AIR CONDITIONING & REFRIG. BUSINESS ACTION CARDS	Subject								
	Cost								
	Issue								
	Closes								
	Space								
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AHS; pg. 3

AHS; pg. 3

JOHNS-MANVILLE (IPD)--Air Handling Systems

PERIOD
1976

DATE 10th Rev. 10/4/76

ACTION:		Issue		May	
Closes				4/23	
Space				7x10, B&W	
Ad No				76-7	
Key No					
Subject				Flex-Met	
Cost				300.	
Issue				June	
				4/23	
LACNA OF PENNSYLVANIA				PS, B&W	
76 ANNUAL CONVENTION				76-8	
BUYERS GUIDE					
Key No					
Subject				Flex-Met	
Cost				176.48	
Issue					
Closes					
Space					
Ad No					
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