



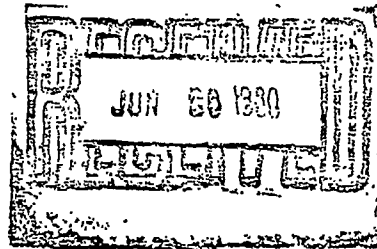
71 JUL 14 1980 RECEIVED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

June 25, 1980

7/7/80

FOR YOUR INFORMATION
FROM ISEA



Dear Workshop Attendee:

We are pleased that you are planning to attend the National Workshop on Substitutes for Asbestos, sponsored by the Environmental Protection Agency, the Consumer Product Safety Commission, and the Interagency Regulatory Liason Group. We enclose a draft agenda for this workshop.

We hope that you will be attending the technical/economic portion of this workshop, which will include discussion sessions on various categories of substitutes for asbestos. In order to help plan for these sessions, we need to know how many people are participating in each discussion session.

The discussion sessions will be held Monday, July 14, 1980, from 3:30 p.m. to 5:30 p.m. Please fill out the enclosed form stating whether or not you plan to attend one of these sessions and if so, which one. This form should be returned to us in the envelope provided.

Please send us the form by return mail so that we can make the proper arrangements.

PLAINTIFF'S EXHIBIT

SAG-50

Sincerely,

[Signature]
Richard J. Guimond
Chief,
Special Regulation Branch

Enclosures

DKS 193

DRAFT

Program
National Workshop on Substitutes for Asbestos:
Technical and Economic Aspects

July 14

Introductory Remarks and Overview Sessions

8:00-8:05 Introductory Remarks

Richard Guimond, Branch Chief, Environmental
Protection Agency

8:05-8:45 Regulatory Status

Warren Muir, Environmental Protection Agency
and Peter Preuss, Consumer Product Safety
Commission

8:45-9:30 Work Session on Friction Products

Friction Product Overview
Mr. Mike Jacko, Bendix
Discussion

9:30-9:45 Coffee Break

9:45-10:45 Work Session on Gaskets and Packings

Overview of Packings

Mr. Steve Koehler, Product Manager, Green Tweed
Packing Company

Overview of Gaskets

Speaker to be announced

Discussion

10:45-11:30 Work Session on Plastics and Flooring

Speaker to be announced

Discussion

11:30-1:00 Lunch Break

1:00-2:30

Work Session on Paper Products

Single-ply membrane roofing

Mr. David E. Bailie, Manager of KMM Membrane Systems, Koppers Company, Inc.

Roofing felt

Ms. Nancy Roy
GCA Corporation

Other speakers to be announced

2:30-3:00

Work Session on Textiles

Dr. Sam Manfer, Program Manager of Textiles Carborundum Company

Discussion

3:00-3:30

Coffee Break

3:30-5:30

Round Table Discussion

5:30-7:30

Dinner Break

7:30-9:00

Panel on Development of Substitutes

Mr. Bob Moore
Elson T. Killam Associates

Mr. John Gurtowski
Materials Branch
Naval Air Systems Command

Mr. Roy Steinfurth
Asbestos Workers Union

Mr. James F. Reis
Director, Asbestos Policy
Johns-Manville Corporation

12:00
1:00

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DKS 195

July 15*

8:00-9:00

Work Session on Sealants

Roof Coatings and Cements

Mr. Ken Brzozowski, Associate Research
Director
TREMCO

Mr. Eric Wormser
Chairman of the Board
The Gibson Homans Company

Discussion

9:00-9:15

Coffee Break

9:15-10:15

Work Session on Substitutes for Asbestos-Cement Sheet

Glass-reinforced concrete

Mr. John Jones, Industrial Products Manager
Cem-Fil Corporation

Other substitutes for asbestos-cement sheet

Dr. David Cogley,
GCA Corporation

Discussion

10:15-11:00

Work Session on Substitutes for Asbestos-Cement Pipe

Overview of Substitutes for Asbestos-Cement
Pipe

Mr. James Warden
U.S. Engineering and Research Center
U.S. Department of the Interior

Discussion

11:00-11:30

Summary Session

11:30-1:00

Lunch Break

*Product and substitute material review session occurs all day

Agenda

National Workshop on Substitutes for Asbestos: Health Aspects

Tuesday, July 15, 1980.

1:00 P.M.-1:25 P.M.

I. Scope of the Health Workshop

Workshop Co-Chairs:

James N. Rowe, Ph.D.

U.S. Environmental Protection Agency
Washington, D.C.

Lalita Palekar, Ph.D.

Northrup Services Inc.
RTP, North Carolina

1:25 P.M.-2:15 P.M.

II. Overview of the Routes of Exposure

Inhalation, Deposition and Clearance of Particles

Morton Lippman, Ph.D.

New York University Medical Center
New York, New York

Fate of Ingested Particles

James Millette, Ph.D.

Health Effects Research Laboratory
U.S. Environmental Protection Agency
Cincinnati, Ohio

2:15-5:15 P.M.

III. Synthetic Fibrous Substitutes

Man-Made Vitreous Fibers: Fibrous Glass, Mineral Wool, Ceramic Fibers

Health Aspects of Man-Made Vitreous Fibers

John Konzen, M.D.

Chairman

TIMA Medical-Scientific Committee
Mt. Kisco, New York

The Translocation and Fate of Sized Man-Made Fibers Following Exposure by Intratracheal Instillation or Inhalation in Rats

David M. Bernstein, Ph.D., Robert T. Drew, Ph.D.

Brookhaven National Laboratory
Upton, New York

and

Marvin Kuschner, M.D.

Pathology Department

State University of New York at Stony Brook
Stony Brook, New York

Occupational Exposure to Mineral Wool

Douglas Fowler
Senior Industrial Hygienist
SRI International
Menlo Park, California

Epidemiologic and Environmental Study of the Mortality Patterns of
Rock and Slag Mineral Wool Production Workers

Cynthia F. Robinson, M.S., Gregory O. Ness, M.S., Richard J.
Waxweiler, Ph.D.
National Institute for Occupational Safety and Health
Cincinnati, OH
and
John M. Dement, Ph.D.
Appalachian Laboratory for Occupational Safety and Health
Morgantown, West Virginia

Industrial Hygiene and Toxicology Aspects of 3M Nextel® 312
Ceramic Fibers

Robert S. Larsen, B.S.,
William C. McCormick, M.S.
3M Company
St. Paul, Minnesota

5:15 P.M. - 8:00 P.M.

Dinner Break

Evening Session

8:00 P.M. - 9:30 P.M.

IV. Natural Non-Fibrous Substitutes

Talc: Roundtable discussion

Session Chair:

Arthur M. Langer, Ph.D.
Mt. Sinai School of Medicine of the City University of New York
New York, New York

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Industry-Wide Cross-Sectional Epidemiologic and Industrial Hygiene Survey of Talc Workers

John Gamble, M.D.
Alice Griefa, Industrial Hygienist
National Institute for Occupational Safety and Health
Morgantown, West Virginia

Wednesday, July 16, 1980
8:00 A.M. - 9:00 A.M.

III. Synthetic Fibrous Substitutes (continued)

Aromatic Polyamide Fibers

Toxicology of Aramid Fibers

Charles F. Reinhardt, M.D.
Lab Director
Haskell Laboratory for Toxicology and Industrial Medicine
E.I. DuPont de Nemours and Company, Inc.
Wilmington, Delaware

Graphite Fibers

Environmental Exposure Considerations Due to the Release of Graphite Fibers During Aircraft Fires

Benjamin Sussholz, Ph.D.
TRW Defense and Space Systems
Redondo Beach, California

9:00 A.M. - 9:15 A.M.

OPEN DISCUSSION

9:15 A.M. - 12:10 P.M.

V. Natural Fibrous Substitutes

Attapulgit, Wollastonite

Cross-sectional Medical Study in Wollastonite workers

Brian Boeshlecke, M.D.
National Institute for Occupational Safety and Health
Morgantown, West Virginia

Mortality Study in Attapulgit workers

Richard Waxweiler, Ph.D.
National Institute for Occupational Safety and Health
Cincinnati, Ohio

Fibrous Zeolites

Environmental Pleural Disease Associated with Fibrous Zeolite Exposure

Arthur Rohl, Ph.D.
Mt. Sinai School of Medicine of the City University of New York
New York, New York

Cellulose Fibers

Human Health Studies at Two Industrial Sites

Daniel W. Kelly
National Cellulose Corporation
Houston, Texas

Treated Asbestos Fibers

Chemical Detoxification of Asbestos Fibers

Earl Flowers, Ph.D.
Flow General Inc.
McLean, Virginia

12:10 P.M. - 2:00 P.M.

Lunch Break

2:00 P.M. - 3:30 P.M.

IV. Natural Non-Fibrous Substitutes (continued)

Mica

Review of the Health Effects of Mica

Ilmar Lusi
Corporate Manager of Industrial Hygiene
Marietta Resources International, LTD.
New York, New York

Vermiculite

Health Studies in the Vermiculite Industry

Stewart M. Brooks, M.D.
College of Medicine
Cincinnati, Ohio

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PRINT TIME OCT. 4. 8:34AM

RECEIVED TIME OCT. 4. 8:31AM

Perlite

Health Considerations in the Perlite Industry

Clark Cooper, M.D.
Berkeley, California

3:30 P.M. - 4:00 P.M.

OPEN DISCUSSION

4:00 P.M. - 5:00 P.M.

VI. Synthetic Non-Fibrous Substitutes

Polyurethane and Urea-Formaldehyde Foam

Environmental Exposure During the Manufacture and Application of Foams

Robert Herrick
Industrial Hygienist
National Institute for Occupational Safety and Health
Cincinnati, Ohio

Human Pulmonary Function Study (5 years) on Occupational Isocyanate Exposure

Hans Weill, M.D.
Department of Medicine
Tulane University School of Medicine
New Orleans, Louisiana

5:00 P.M. - 6:00 P.M.

OPEN DISCUSSION

Scientific Criteria for Evaluating Asbestos Substitutes

Lewis Lipkin, M.D.
National Cancer Institute
Bethesda, Maryland

Criteria for Animal, Tissue Culture, and Biochemical Studies on Asbestos, Mineral Dusts, and Proposed Substitutes for Asbestos

Earl S. Flowers, Ph.D.
Flow General Incorporated
McLean, Virginia

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DKS 201

OCT. 4. 2002 9:29AM DMC 3RD FL #2

NO. 040 P. 6

Name

Company or Organization

Address

I do not plan to attend any Monday afternoon
technical/economic discussion sessions.

[]

I plan to attend the following discussion session.
(Please choose only one, as they will be held concurrently).

(1) Substitutes for Asbestos-Cement Pipe
(for water and sewer pipe use)

[]

(2) Substitutes for Asbestos-Cement Sheet

[]

(3) Friction Products
(clutches, brakes, etc.)

[]

(4) Sealants and Roofing Products
(roofing felt, roof coatings
and cements, etc.)

[]

(5) Textiles

[]

(6) Flooring and Plastics

[]

(7) Paper Products
(such as pipeline wrap, roofing felt,
millboard, specialty papers, etc.)

[]

Send this form to: National Workshop on Substitutes for Asbestos
Industry Assistance Office
Office of Pesticides and Toxic Substances
(TS-799)
Environmental Protection Agency
401 M Street, SW.,
Washington, D.C., 20460

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DKS 202