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44 FR 73127. USEPA.

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3 [OPTS 61005]
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11 (May 4, 1988):15857

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Report to the U.S. Consumer Product Safety Commission by the Chronic Hazard Advisory Panel on Asbestos. (CHAP)
1 (July 1983):148pp

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Asbestos Substitutes and Related Materials. (04/24/85):112pp
2

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Exposure Assessment for Asbestos. Draft Final Report. (January 9, 1984):273pp. Prepared under EPA Contract No. 68-01-6271, by Versar Inc.
3 [See B_4 for List of References]

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Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. (August 1985):1138pp. Prepared under Contract No. ( ) by RTI, Inst., ICF, Inc., PEDCO, Env. Inc.
4 [See B_3-File for List of References]

4a Vol I - Technical Report. 265pp.

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4b Vol II - Appendixes A-H. 472pp.

a. Asbestos Fiber Supply in North America

b. Methodological Note in Estimating Producer and Consumer Surplus Losses

c. Asbestos Products Baseline Projections

d. Estimation of Economic Effects of Asbestos Products Ban

e. Computer Model to Estimate Health Benefits of Regulatory Alternatives

f. Estimation of Value of Lost Production Due to Morbidity

g. Estmation of Factor Dislocation Costs

h. Asbestos Products Substitutes Analysis

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i. Production Cost Equations and Supply Parameters for Selected Asbestos Product Model Plants

j. Description of Derivation of Exposure Data Used in the Analysis

k. Welfare Analysis of Asbestos Controls

l. Descriptions of Industries and Companies which may be affected by the Regulatory Alternatives

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n. Health Effects of Non-occupational Asbestos Exposure

o. Sensitivity Analysis: Cost: Effectiveness of Regulatory Alternatives Varying Baseline Exposure Assumptions and Discount Rates

p. Regulatory Impact Analysis of Asbestos Controls Assuming Alternative Work Place Permissible Exposure Levels

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Memo from A Moll
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Subject: Transmittal of Appendix J - Asbestos Exposures. Non CBI Tables for RTA.
4d (08/20/86):15pp

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Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. SUMMARY. (February 1986):63pp w/Appendices A-G, J

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(1) Appendix A - Asbestos Products And Their Substitutes (July 11, 1984). Prepared by ICF for EPA.

(2) Appendix B - Asbestos Products Baseline Projections (January 1984): . ETD, OPTS, USEPA

(3) Appendix C - Welfare Analysis of Asbestos Control. (Undated):

(4) Appendix D - Estimation of Economic Effects of Asbestos Products Ban.

(5) Appendix E - Computer Model to Estimate Health Benefits of Regulatory Alternatives. (Undated).

(6) Appendix F - Distribution Analysis for the Asbestos Regulatory Alternative. (January 1986).

(7) Appendix G - Sensitivity Analysis: Cost Effectiveness of Regulatory Alternatives Varying Baselines Exposure Assumptions, Discount Rates and Products Included. (Undated).

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5 USEPA, OPTS, ETD (continued)

*(a) In Appendix B, pp. 28-41 contain CBI and have been deleted.

*(b) Table 11 on page 36 in the Summary was added on Feb. 10, 1986.

*(c) Table 18 on page 58 in the Summary was added on Feb. 10, 1986.

*(d) The figures "three percent and 54 percent" in the last paragraph on page 57 were added on Feb. 10, 1986.

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Memo from M Slimah
To: R Gross, CCD
Subject: HERD Summary of Assessment of Potential Hazardous Asbestos Substitutes.
6 (12/05/84):1p
w/enclosure

(1) HERD Summary of the Assessment of Potential Hazards of Asbestos Substitutes for Proposed Ban Rule. 199pp

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*Note to Holders

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1 * Airborne Asbestos Health Assessment Update. (June 1986):198pp.

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* For SAB and other peer review of this document see N(2) File under USEPA, OPTS, CCD memo from B. Sidwel to J. Repasch, November 6, 1986.

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1 Asbestos Modeling Study Final Report. (March 18, 1988):78pp. Prepared under Contract # 68-02-4254 by Versar, Inc. [See B8 File for references] — 6660491 1-2 of 78

2 Nonoccupational Asbestos Exposure - Revised Draft Report. (September 25, 1987): Prepared under Contract # 68-02-4254 by Versar Inc. [See B9 file for references] — 3-4 of 78

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3 Asbestos Exposure Assessment Revised Report. (March 21, 1988):281pp. Prepared under Contract # [Unknown] by ICF Inc. [See B7 File for references] — 6660491 5-10 of 78

4 Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Vol. 1 -Technical Report. (March 21, 1988):153pp. [Superseded by B_{1c}-9] — 6660491 11-14 of 78

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5 Regulatory Impact Analysis of Controls on Asbestos Products - Vol. II Appendices A-E. (March 21, 1988): [Superseded by B_{1c}-10] — 6660491 15-26 of 78

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Regulatory Impact Analysis of Control on Asbestos and Asbestos Products. Vol. III - Appendix F - Use and Substitutes Analysis. (March 21, 1988):534pp. 660491 27-37 of 78
6 [Superseded by B_{1c}-11]

Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products - Vol. IV. Sensitivity Analysis. (March 21, 1988P):237pp. 660491 38-42 of 78
7 [Superseded by B_{1c}-12]

Memo to the Record. Subject: Changes in the Estimated Costs of Regulatory Options for the Asbestos Ban and Phase Out Rule RIA to Proposed Rule. (April 29, 1988):1p.
w/enclosures (2).

(1) Revised pages (28) to: Scenarios B, D, E, F, G, H, I.

(2) Computer printout for Asbestos Regulatory Cost Mode (ARCM) version 6.3. (April 15, 1988):
8 76pp.

[Incorporated into the May 6, 1988 Revised RIA. See: 2933a, 2933b, 2933c, and 2933d.]

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Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Vol. 1-Technical Report - Revised. (May 6, 1988):153pp. Prepared under Contract #[Unknown] by ICF Inc. [See 6 for references] [Supersedes log 2183a]

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Appendix B-Capital Convertibility and Quasi- Rents Determination

Appendix C-Econ Imact Analysis

Appendix D-Cost for Engineering Controls for Brake Maintenance/ Repair

Appendix E-Welfare Effects under Alternative Fiber Supply Conditions

(May 6, 1988): Prepared under Contract # [Unknown] by ICF Inc. [Supersedes Log 2183b]

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USEPA, OPTS, ETD
Memo From: ICF Inc.
To: C Augustyniak, ETD, OPTS, USEPA.
Subject: Errata in the latest version of the Asbestos RIA VOL II. of May 6, 1988.
10b (05/18/88):2pp.

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?

Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products - Vol. III. Appendix F - Use and Substitute Analysis. Revised. (May 6, 1988):534pp. Prepared under Contract [#Unknown] by ICF Inc. [Supersedes 2083c]
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Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products - Vol. IV. Sensitivity Analysis. Revised. (May 6, 1988):237pp. Prepared under Contract [#Unknown] by ICF Inc.
12 [Supersedes 2183d]

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1 Response to Public Comments Document for the Rulemaking Process Concerning Asbestos: Manufacture, Importation, Processing, and Distribution in Commerce, Prohibitions. OPTS 62036. (June 27, 1989):510pp.

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2 Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Final Report. Vol 1. Technical Report. (January 19, 1989): 135 pp. Prepared under Contract by ICF, Inc.

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3 Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Final Report. Vol2. Appendix A-E. (January 19, 1989): 509 pp. Prepared under Contract by ICF, Inc.

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4 Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Final Report. Vol 3. Appendix F. (January 19, 1989): 600 pp. Prepared under Contract by ICF, Inc.

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5 Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Final Report. Vol 4. Appendix G. (January 19, 1989): 187 pp. Prepared under Contract by ICF, Inc. — 6660492 36-39 of 42

6 Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Final Report. - ADDENDUM - [to January 19, 1989 Vols 1-4]. (June 26, 1989): 135 pp. Prepared under Contract by ICF, Inc. — 6660492 40- thru 42 of 42

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USDHHS, PHS, CDC, NIOSH — 1-2 of 54

1 Quantitative Risk Assessment for Asbestos-Related Cancer. (August 1983):77pp. Prepared under Contract No. J-9-F-2-0074 by W Nicholson of Mt Sinai School of Medicine.

2 Workplace Exposure to Asbestos (1980):39pp — 3 of 54

USEPA, OPTS

3 Support Document for Final Rule on Friable Asbestos-Containing Materials in School Buildings: Health Effects and Magnitudes of Exposure (January 1982): — 505873 and 4-6 of 54

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4 Asbestos: Commercial and Industrial Uses 1979-1981. Summary of Information Collected Under the Asbestos Reporting Regulation (40 CFR Part 763, Subpart D). (Undated):76pp — 7-11 of 54

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(1) Appendix A: Names and Addresses of Respondents. (Undated):120pp.

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(2) Appendix B: EPA Form 7710-36 and Instructions. (Reproduction from 40 CFR 763, Subpart D, July 30, 19824pp.

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Guide to Respiratory Protection for the Asbestos Abatement Industry. EPA 560-
5 ??-86-001. (April 1986):175pp

USEPA, OPTS, CCD 16-22 of 54

Asbestos Substitute Performance Analysis. Revised Final Report. GCA-TR-81-32-G (February 1982):333pp. Prepared under Contract No. 68-02-3168
6 by GCA.

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7 August 23, 1985):4pp

Options for Implementing the Phase -Down. [Permits]. (January 21, 24 of 54
8 1986):5pp

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9 (January 22, 1986):11pp

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10	Asbestos Content of Imported Motor Vehicles. Prepared by ICF, Inc. (May 17, 1984):	26 of 54
11	Asbestos Products Industry Status Report: 1977-1982. Prepared by RTI. (February 1983):26pp	27 of 54
12	Computer Code for Calculating PMAX for PEM Model Sub-Programs. (March 3, 1984):	28-30 of 54

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13 Computer Programs for Estimating Costs and Benefits from Asbestos Ban and Phase Down Rule. (January 7, 1986)

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(5) Nonoccupational Exposure

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(7) Exposure Assumptions

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(b) 2 Fibers/cc - current enforcement (NACTUAL)

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14 Discounting Lives. (August 8, 1984) 32 of 54

15 Economic Analysis of Controls on Asbestos and Asbestos Products Vol. I. Final Report. [Industry Profile and the Substitute Materials and Product Analysis]. (September 1982): Prepared by RTI and PEDCo., Environ., Inc. 33-39 of 5

16 Economic Analysis of Control on Asbestos and Asbestos Products Vol. II. Final Reports. [Baseline Projections and Economic Impact.] (September 16, 1982): 40-45 of 54

17 Economic Analysis of Controls on Asbestos and Asbestos Products Vol. III. Final Report. [Appendices which contain Supporting Documentation for Vols 1 and 2.] (September 1982): 46-47 of 54

18 Revised Exposure Levels from Asbestos-Containing Products. (October 1, 1985):13pp 49- of 54

19 Substitution Analysis for Asbestos Brake Linings for On-Road Vehicles. Draft. (March 13, 1985):37pp 50 of 54

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20 Development of Statistical Distributions or Ranges of Standard Factors Used in Exposure Assessments. Final Report. Contract No. 68-01-6775, and Contract No. 78-02-3997. (March 1985):184pp

Support References
B_{2b}-File

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Anonymous

1 "New Procedures Used on Major Asbestos Hazard." Asbestos Abatement. (March/April 1987):20-23, and cover page. 1 of 25

2 Brake Mix for the '80s. Automotive Rebuilders. No Author. (May 1, 1985) 2 of 25

3 Goodbye Asbestos? Excerpts from Brake and Front End. (May 1, 1985) 3 of 25

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4 "Risk from Exposure to Asbestos." Letters. Science 234. (November 21, 1986):923

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5 Investigation of Indoor Airborne Asbestos. Final Report. (August 1, 1986).

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6 Ordinance AFS (1986:2) Concerning Asbestos. (January 23, 1986):28pp

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William E. Brock, Secretary of Labor
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7a On Petition to Review an Order of the Occupational Safety and Health Administration. No. 86-1359. Brief of Petitioner. (October 20, 1986):86pp. Submitted by Sherman, Dunn, Cohen, Leifer & Counts, Counsel for Petitioner.

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7b On Petition for Review of An Occupational Health Standard Promulgated by the Occupational Health and Safety Administration. Nos. 86-1259, 86-1360, 86-1409, 86-1410, and 86-1411, 86-1437. Brief of Petitioner, AFL-CIO. (Undated):32pp. Submitted by GH Cohen, JA Collins, CL Estlund, Bredhoff & Kaiser, and L Gold, Counsel for Petitioner.

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7c On Petition for Review of Final Action of the Occupational Safety and Health Administration. No. 86-1359 and Consolidated Cases Nos. 86-1360, 86-1409, 86-1410, 86-1411 and 86-1437. Brief for Petitioner Asbestos Information Association and Asbestos Institute. (October 20, 1986):94pp. Submitted by Kirkland and Ellis, Counsel for AIA/NA and AI.

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USAID, Mission to the Republic of Malawi

8 Malawi Self-Help Rural Water Supply Program: Final Evaluation. Final Draft for Review. Wash Field Report No. 186. (July 1986):25-31, 40-42. Water and Sanitation for Health Project Managed by Camp Dresser & McKee International Inc. 13 of 25

9 Water and Health in Rural Malawi. Aspects of the Performance, Utilization and Health Impact of the Malawi Self-Help Rural Water Supply Project. (February 1986):4,13,14. Prepared Under Contract #CO-612-0000-5-50003 by BA Young and John Briscoe. 14 of 25

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10 Analysis of the Feasibility of Replacing Asbestos in Automobile and Truck Brakes. Final Report. (April 15, 1987): Prepared under contract by Battelle Columbia under subcontract by American Society of Mechanical Engineers. (April 15, 1987):

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11 Cost of Capital Involved in Converting Asbestos. Product Manufacturing Equipment to Asbestos Substitutes. (March 1987):62pp. Prepared under Contract #68-02-4248 by PEI Associates, Inc.

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12 Durable Fiber Industry Profile and Market Outlook. (August 27, 1986):306. Prepared under Contract #(unknown) by ICF Inc.

13 Proposed EPA Phase-Out of Asbestos in Friction Products. (Undated):4pp Prepared under Contract by Battelle Columbus.

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Support References
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BOYD C
1 Asbestos Dust is a Killer. (January, 1987):24-33. 1 of 24

ICF INC.
2 Survey of Plastic Pipe Products Suitable for Replacement of Asbestos Cement Pipe. (May 13, 1988):12pp. Prepared by Sussex Plastics Engineering, Inc. for ICF Inc. 2 of 24

USEPA, OPTS, EED
3 Review of Recent Epidemiological Investigations on Populations Exposed to Non-asbestos Fibers. (March 21, 1988): Final Report for Task 3-5. Prepared under Contract #68-02-4246. [Substitutes] 3-4 of 24

4 Durable Fiber Exposure Assessment. Final Report. (September 29, 1986): 466pp. Prepared under contract by ICF Inc. [Substitutes] [For peer review comments see: N4-file] 5-13 of 24

5 Durable Fiber Industry Profile and Market Outlook. Prepared under contract by ICF Inc. (August 27, 1986):310pp. [Substitutes] 14-19 of 24

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6 Health Hazard Assessment of Nonasbestos Fibers. (March 21, 1988):246pp. [Substitutes]

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1 Item: Asbestos.
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1 of 97

Anonymous

2 "Ban on Asbestos Brake Linings in Cars and Trucks." SIP - Swedish - International Press Bureau. Stockholm. (August 29, 1986):2pp.

2 of 97

Anonymous

3 "Pneumo Abex to Produce Non-Asbestos Brake Products for Japanese Car-Markers." PR Newswire NY59. (June 11, 1987):1pp.

3 of 97

ARAP/ORNL

4 Comparison of the 1982 Seadex Dispersion Data with Results from a Number of Different Models. Prepared for Oak Ridge National Laboaratory under Contract 19x89611V by Aeronautical Research Association of Princeton (ARAP). (February 1986):134pp.

4 - 7 of 97

Support References
B_{2d}-File

Fiche #
6660496

Davis JMG et al.

"The Pathogenicity of Long Verses Short Fiber Samples of Amosite Asbestos Administered to Rats by Inhalation and Intrapertoneal Injection." Brit. J. Exper. Path. 67. (May 1986):415-430. 8 of 97

Doll R.

"Quantitative Significance of Asbestos Fibres in the Ambient Air." In: Advances in Aerobiology. Birkauser Verlag. Basel. (1987):213-219. 9 of 97

Hughes JM et al.

"Mortality of Workers Employed in Two Asbestos Cement Manufacturing Plants." Brit. J. Indust. Med. 44. (1987):161-174. 10 of 97

McDonald AD.

"Dust Exposure and Mortality in an American Chrysotile Asbestos Friction Products Plant." Brit. J. Indus Med. 41:8. (1984):151-157. 11 of 97

Marcus K et al.

"Asbestos-Associated Lung Effects in Car Mechanics." Scan. J. Work. Environ. 13. (1987):252-254. 12 of 97

Fiche #
4440496

Morgan A et al.

"Studies on the Disposition of Inhaled Fibrous Material in the Respiratory Tract of the Rat and its Subsequent Clearance Using Radioactive Tracer Techniques. II. Desposition of the UICC Standard Reference Samples of Asbestos." Env. Res. 10. (October 1975):196-207. 13 of 97

10

Newhouse ML et al. 14 of 97

" A Study of the Mortality of Female Asbestos Workers." Brit. J. Indust Med. 29. (1972):134-141.

11

Platek SF et al. 15 of 97

"Chronic Inhalation of Short Asbestos Fibers." Fund Appl Tox. 5. (May 1985):327-340.

12

Puntoni R et al.

"Mortality Among Shipyard Workers in Geona, Italy." Ann N Y Acad Sci. 330. (1979):353-377. 16 of 97

13

Rodelsperger K et al. 17 of 97

"Asbestos Dust Exposure During Brake Rapair." Am. J. Indust. Med 10. (1986):63-72.

14

Fiche #
6660496

Rohl An Et al.

"Asbestos Content of Dust Encountered in Brake Maintenance and Repair." Proc: Roy. Soc. Med. 70. (January 1977):32-37. 18 of 97

15

Schiefer HM.

"Controlled Friction Additives for Brake Pads and Clutches." From: Passenger Car Meeting, Hyatt Regency, Dearborn, June 11-15, 1979. SAE Technical Paper Series: 790717. (1979): 1-7. SAE Inc., Warrendale, PA. 19 of 97

16

Scott SW.

"Friction Research Puts the Brakes on Asbestos Use." Industrial Research 25. (July 3, 1988):88. **[Extract or rewrite of original publication ? 4pp]** 20 of 97

17

Thomas HF et al.

"Further Follow-Up Study of Workers from an Asbestos Cement Factory." Brit. J. Indust. Med. 39. (1982):273-276. 21 of 97

18

Fiche # 6660496

US Congress, House of Representatives

"OMB Review of EPA Regulations." Hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives. 99th Congress, 2nd Session. (May 8, 1986). Serial
19 No. 99-95. USGPO.

22-27 of 97

US Congress, House of Representatives

"EPA's Asbestos Regulations." Hearing Before the Subcommittee on Oversight and Investi-gations of the Committee on Energy and Commerce. House of Representatives. (April 16, 1985.)
20 Serial No. 99-2. USGPO.

28 of 38 of 97

USDHHS NTP

Toxicology and Carcinogenesis Studies of Chrysotile Asbestos (Cas No. 12001-29-5) in F344/N Rats (Feed Studies). Tech Report Series No 295.
21 (November 1985):392pp.

39 - 46 of 97

USDOL OSHA

OSHA Inspection Data for Asbestos. Computer Run OSHA Report. OHR 2.6. Period of data covers [between January 1, 1986 and April 30, 1988].
22 (May 17, 1988):90pp.

47 - 66A of 97

Fiche #
6660496

USDOL OSHA

23 OSHA Inspection Data for Asbestos. Computer Run - OSHA Report: OHR1. 4n. Period of data covers [between January 1, 1986 and April 30, 1988. (May 17, 1988):3pp. — 67 of 97

USEPA OPTS AAP

24 Guidance for Preventing Asbestos Disease Among Auto Mechanics. (June 1986):15pp. — 68 of 97

USEPA OAQPS ESED

25 National Emission Standards for Asbestos--Background Information for Proposed Standards. Draft. (March 5, 1987):311pp. — 69-~~79~~ 80 of 97

USEPA ODW CSD

26 Drinking Water Criteria Document on Vinyl Chloride. Final Draft. (January 1985):140pp. — ~~95~~ - 80 of 97 81-83

USEPA OPTS CCD

27 Potential of Labeling as a Regulatory Strategy to Control the Hazards of Asbestos. Draft. (Undated):21pp. w/enclosure — 84 of 97

(1) Labeling Options for Asbestos Containing Products. Appendix A. (Undated): 10pp.

Fiche #
6660496

USEPA OPTS ETD

85 of 97

28 Durable Fiber Exposure Assessment: - ADDENDUM. (October 11, 1988):14pp. Prepared under Contract by ICF. **[See also: B_{2c}-004]**

USEPA OPTS ETD

86 of 97

29 Durable Fiber Exposure Assessment: Attachment to - ADDENDUM -. (Post October 11, 1988):2pp

USEPA OPTS ETD

87 of 97

30 Ductile Iron Pipe Exposure Assessment. Draft Report. (September 19, 1988): 47 pp. Prepared under Contract by ICF, Inc.

Fiche #
6660496

USEPA OPTS ETD

88 of 97

31 Ductile Iron Pipe Exposure Assessment. Draft Report. (October 11, 1988):43 pp. Prepared under Contract by ICF, Inc.

USEPA ORD HERL (Cincinatti OH)

89 of 97

32 Asbestos in Cistern Water. (February 1980):4 pp. Prepared by JR Millette.

USEPA ORD WERL

90-93 of 97

33 "Plumbing Material and Drinking Water Quality." Proceedings of a Seminar, Cincinatti, Ohio, May 16-17, 1984. (February 1985):199pp. EPA 600/9-85-007.

USEPA ODW

94- of 97

34 Asbestos Waste Management Guidance: Generation, Transport, Disposal. (May 1985):32pp.

Weill H et al.

95 of 97

35 "Influence of Dose and Fiber Type on Respiratory Maligancy Risk in Asbestos Cement Manufacturing." Am. Rev. Respir. Dis 120. (1979):345-354.

Fiche #
6660496

WHO IARC

96 of 97

36 "Vinyl Chloride, Polyvinyl Chloride and Chloride-Vinyl Acetate Copolymers." IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Humans, Vol 19. (1979):402-412.

Wignall Bk

97 of 97

37 "Mortality of Female Gas Mask Assemblers." Brit. J. Indust. Med. 39. (1982):34-38.

Support References
B_{2e} -File

Fiche #
6660497

AIA

1 of 40

1 Asbestos Potency Assessment for EPA Hearing. (June 1986):1p. [Pages Missing]
w/enclosure

(1) "Living with Asbestos." [Source unknown] (Date unknown):52, by RG Crystal.

Anonymous

2 of 40

2 "Asbestos is Detected in Small-Town Sludge." The New York Times: (October 25, 1988):C4. Luoma JR.

Bellmann B et al.

3 of 40

3 "Persistence of Man-Made Mineral Fibres (MMMF)and Asbestos in Rat Lungs." Am Occup Hyg. 31:48. (1987):693-709.

Bolton RE et al.

4 of 40

4 "Effects of Dose of Asbestos on Mesothelioma Production in the Laboratory Rat." In: VIth International Preumoconiosis Conference 1983, 2. (1984):1028 -1035.

Connelly RR et al.

5 of 40

5 "Demographic Patterns for Mesothelioma in the United States." JNCI 78:6. (June, 1987):1053-1060.

Support References
B_{2e} -File

Fiche #
6660497

Davis JMG

"Is there Experimental Evidence for the Occurence of Tissue Damage and Disease Following Exposure to Low Doses of Asbestos?" Paper Presented at the XII International Congress on Occupational Health, Sidney.
6 (1987):15pp. 6 of 40

"Mineral Fibre Carcinogenesis: Experimental Data Relating to the Importance of Fibre Type, Size, Deposition, Dissolution and Migration." Paper Presented at the Symposium on Mineral Fibres in Non-Occupational Environment, Lyon, France. (1987):18pp.
7 7 of 40

"Low Level Exposure to Asbestos: Is there a Cancer Risk? Br J Ind Med 45. (1988:505-508.
8 8 of 40

"Mass and Number of Fibres in the Pathogenesis of Asbestos-Related Lung Disease in Rats." Br Cancer 37.
9 (1978):673-688. 9 of 40

Dement JM

"Exposure Mortality Among Chrysotile Asbestos Workers. Part I. Exposure Estimates." Amer J Indus Med 4.
10 (1983):399-419. 10 of 40

Support References
B_{2e} -File

Fiche #
6660497

Enterline PE et al

"Asbestos and Cancer: A Cohort Followed Up to Death." Brit J Ind Med 44. (1987):396-401. 11 of 40

11

Gibbs GW

"Dust Exposure in the Chrysotile Asbestos Mines and Mills of Quebec." Arch Environ Hea 24. (March 1972):189-197. 12 of 40

12

"Dust Fiber Relationships in the Quebec Chrysotile Industry": Arch Environ Hea 28. (February 1974): 69-71. 13 of 40

13

Green FH

"Pulmonary Fibrosis and Asbestos Exposure in Chrysotile Asbestos Textile Workers. Preliminary Results." Accomplishments in Oncology 1:2. (1986):59-67. 14 of 40

14

Hodgson JT

"Mortality of Asbestos Workers in England and Wales 1971-81." Brit J Ind Med 43. (1986): 158-164. 15 of 40

15

Wang CY

"Size and Shape of Airborne Fibres in Mines and Mills." Brit J Ind Med 40. (1983):273-279. 16 of 40

16

Fiche #
6660497

Lilienfeld DE

"The Missing Cases of Pleural Malignant Mesothelioma in Minnesota 1979-81:5pp. Reprinted from July -August 1986. Public Health Reports. 17 of 40

McDonald JC

"Dust Exposure and Mortality in Chrysotile Mining (1910-75." Brit J Ind Med 37. (1980):11-24. 18 of 40

McDonald AD

"Dust Exposure and Mortality in an American Chrysotile Textile Plant." Brit J Ind Med 40. (1983):361-367. 19 of 40

"Mesothelioma Registries in Identifying Asbestos Hazards." Ann NY Acad Sci 330. (1979):441-454. 20 of 40

McDonald AD et al

"Mineral Fibre Content of Lung in Mesothelial Tumours in North America." Ann Occup Hyg. 26. 1-4. (1982):417-422. 21 of 40

McDonald JC

"Mortality in the Chrysotile Asbestos Mines and Mills of Quebec." Arch Environ Hea 22. (June 1971):677-686. 22 of 40

Support References
B_{2e} -File

Fiche #

McDonald JC

"Mortality in the Chrysotile Asbestos Mines and Mills of Quebec." Arch Environ Hea 22. (June 1971):677-686.

22

6660497
22 of 40

Muhle H et al

"Inhalation and Injection Experiments in Rats to Test the Carcinogenicity of MMMF." Ann Occup Hyg 31:48. (1987?):755-764.

23

6660497
23 of 40

NATO [Pott F]

"Questions to the Cell Biologists Derived from Carcinogenicity Studies with Mineral Fibers in Rats." - Questions, Risk and Public Policy -Fourth International Workshop, September 21-23, 1988. (Auberge Estrimont, Orford, Quebec. (1988):3pp, by F Pott.

24

6660497
24 of 40

Polley FD

"Fiber Types, Concentrations and Characteristics Found in Lung Tissues of Chrysotile-Exposed Cases and Controls." Mineralogy and Physics. Accomplishments in Oncology. (May 25, 1989):1-11pp.

25

6660497
25 of 40

Pott F

"Cacinogenicity Studies in Fibres, Metal Compounds, and Some other Dusts in Rats." Exp. Path 32. (1987): 129-152.

26

6660497
26 of 40

Fiche #
6660497

Scholze H et al.

27 of 40

27 "An In-Vitro Study of the Chemical Durability of Siliceous Fibres." Ann Occup Hyg 31:48. (1987):638-692.

Sebastien P et al.

28 of 40

28 "Asbestos Retention in Human Respiratory Tissues: Comparative Measurements in Lung Parenchyma and in Parietal Pleura." Biological Effects of Mineral Fibres Effects Biologiquest Des Fibres Minerales. Vol 1. IARC Sci Pub No 30, Inserm Symposia Series 92. (1980):237-246.

Skidmore JW et al.

29 of 40

29 "Environmental History of a Factory Producing Friction Material." Brit J Ind Med 40. (1983):8-12.

Smith DM et al.

30 of 40

30 "Long-Term Health Effects in Hamsters and Rats Exposed Chronically to Man-Made Vitreous Fibres." Ann Occup Hyg. 31.4B. (1987):731-754.

Thompson DN

31 of 40

31 "The Experience Curve Effect of Costs and Price: Implications for Public Policy." From: Regulation of Marketing and the PUblic Interest: Essays in Honor of Ewald T. Grether. (Date Unknown):60-80. FE Balderson ED. [Cited in 1989 RIA Addendum]

Fiche #
6660497

USEPA ODW

32 - 34 of 40

32 Estimated National Occurence and Exposure to Asbestos in Public Drinking Water Supplies. Prepared under Contract No 68-01-7166 by SCI Applications Internatioal Corp. McLean VA. 22102. (December 23, 1986):124pp.

USEPA OPTS HERD

35 - 39 of 40

33 Health Hazard Assessment of Nonasbestos Fibers. Final Report. (December 30, 1988):251pp.

Wagner JC

40 of 40

34 "Correlation Between Fibre Content of the Lung and Disease in East London Asbestos Factory Workers." Brit J Indust. Med. 45. (1985):305-308.

Support References
B_{2f}-File

Fiche #
6660498

Hatch D 1 of 18

"Possible Alternatives to Asbestos as a Friction laterial." Ann Occup Hyg.13. (1970):25-29.

1

Hickish DE et al 2 of 18

"Exposure to Asbestos During Brake Maintenance." Ann. Occup Hyg 13. (1970):17-21.

2

Kauppines T et al 3 of 18

"Exposure to Asbestos During Brake Maintenance of Automotive vehicles by different methods." Am Ind Assoc J 48. 3499-504.

3

Knight KL et al 4 of 18

"Investigations into Alternative Forms of Control for Dust Generated during the Cleaning of Brake Assemblies and Drums." Ann Occup Hyg 13. (1970):27-39.

4

Lee GL 5 of 18

"Removing Dusts from Brake Assemblies During Vehicle Servicing Alternative Cleaning Methods." Ann Occup Hyg. 13. (1970):33-36.

5

Support References
B_{2f}-File

		Fiche #
6	Lorimer WV et al "Asbestos Exposure to Brake Repair Workers in the United States. The Mt Sinai J of Med 43:3 (May-June 1976):207-208.	6660498 6 of 18
7	OECD "Asbestos: Legislative and Regulatory Developments." Chemicals Programme News-Sheet. (January-March (1989):1p.	6660498 7 of 18
8	Roberts DR Industrial Hygiene Survey Report of the New York City Sanitation Facilities Queens, New York. Survey conducted January 9-11, 1979. (May 12, 1980):24pp.	6660498 8 of 18
9	Johnson PL Preliminary Industrial Hygiene Survey Auto Brake Clinic Cincinnati, Ohio. [excerpts from] (August 8, 1976):4pp.	666098 9 of 18

Fiche #
6660498
10 - 12 of 18

USDHHS PHS CDC NIOSH

Investigation of Health Hazard in Brakelining Repair and Maintenance Workers Occupationally Exposed to Asbestos: Clinical Finding among Garage Mechanics Employed in Brakelining Maintenance and Repair. Prepared for Industrywide Studies Br., Cincinnati, Ohio 45226 under Contract No. 210-77-0119 by WJ Nicholson, Environ Sci.Lab. Mt. Sinai School of Med, New York, NY.(February 1983):114pp. OSHA Docket No. 84-74.

10

13 of 18

USDHHS PHS CDC NIOSH

Investigation of Health Hazards in Brake Lining Repair and Maintenance Workers Occupationally Exposed to Asbestos. [excerpts from (1982):14pp. prepared by WJ Nicholson Environ. Sci. Lab., Mt Sinai School of Med of the City University of New York. OSHA docket No. 84-74.

11

Fiche #
6660498

USDOL OSHA ORA

14 of 18

12 Support Document for Portions of OSHA'S Regulatory Impact Assessment on Asbestos: (1) foreign asbestos standards, (2) potential foreign trade impacts of a proposed asbestos standard (3) costs associated with operating asbestos analysis laboratories, and (4) current work practices observed to control asbestos exposures in constructions and brake relining. Final Report. [excerpts from] (November 3, 1983):24pp. prepared by MB Kent et al of JRB Associates, McLean, VA. 21202.

USEPA OPTS

15 of 18

13 Methods or Devices to Control Airborne Asbestos Concentrations During Operation of Brake Lathes in Bus and Truck Fleet Maintenance Facilities. Final Report. (December 1983):24pp. prepared

USEPA OPTS ETD

16 of 18

14 Asbestos Dust Control in Brake Maintenance. (September 30, 1985): prepared under Contract No 68-02 -3976 by PEI Associates, Inc.

Fiche #
660498

18
17 of 18

USEPA OPTS OPP

15 Pesticide Label Utility Project Report. Draft. (April 11, 1986):62pp.

SUPPORT REFERENCES
B_3-File

Regulatory Impact Analysis of
Controls on Asbestos and Asbestos Products (August 1985)
List of References from Technical Report Volume I (Ch.6 & R);
Vol II Appendices A, C, E, G, H,
and Vol III Appendices K and N

EXPLANATORY KEY/AVAILABILITY OF REFERENCES

CAN = Canadian Embassy

DOT = US Dept. of Transportation. Washington DC. (202) 426-4000)

DRI = Data Resources, Inc

HUN = Hunter Publishing Co., Des Plaines, Ill

ICF = ICF Inc., Washington DC.

LD = US Dept. of Labor, Library Washington, DC. (202) 343-7220

LOC = Library of Congress, Natural Resources Library (202) 287-5000

NBS = National Bureau of Standards, Gaithersburg MD (301) 921-1000

NIH = National Institute of Health, Betheda MD (301) 496-4000

NLM = National Library of Medicine, Washington DC (202) 496-4943

PInS = Public Information Section, Public Docket Office for Toxic Substances, HQ USEPA. RM 6004 NE Mall.
401 M St SW, Washington, DC 20460
(202) 382-3604

SEC = Securities and Exchange Commission Library
Washington DC (202) 724-0435

---

*The RIA is filled at B(1)a-4.

Table of Contents for Support References
B_3 File

1. Technical Report - Vol I, Chatper 6 = B_3-V1-CH6.....1-9

2. Technical Report - Vol I, "R" = B_3-V1-R.....1-21

3. Asbestos Fiber Supply in North America, Vol II, Appendix A = B_3-V2-A.....1-3

4 Asbestos Products Baseline Projectsions = Vol II, Appendix C = B_3-V2-C.....1-2

5. Computer Model to Estimate Health Benefits of Regulatory Alternatives, Vol II, Appendix E = B_3-V2-E.....1-2

6. Estimation of Factors Disclocation Costs, Vol II, Appendix G = B_3-2-G.....1-2

7. Asbestos Products Substitutes Analysis, Vol II, Appendix H = B_3-2-H.....1-2

8. Welfare Analysis of Asbestos Controls, Vol III, Appendix K = B_3-3-K.....1-2

9. Health Effects of Non-Occupational Asbestos Exposure, Vol III, Appendix N = B_3-3-K.....1-2

Fiche II
6660500.

SEC 6-1. ABI. 1982a. American Biltrite Inc. Annual Report. 575 Technology Square, Cambridge, Massachusetts 02139

SEC 6-2. ABI. 1982b. SEC Form 10-K. 575 Technology Square

SEC 6-3. ABI. 1982c. Proxy Statement.

SEC 6-4. Armstrong. 1982a. Armstrong World Industries Inc. Annual Report. Post Office Box 3001. West Liberty Street, Lancaster, PA 17604.

SEC 6-5. Armstrong. 1982b. SEC Form 10-K.

SEC 6-6. Armstrong. 1982c. Proxy Statement.

SEC 6-7. Asarco. 1982a, Asarco Inc. Annual Report. 120 Broadway, New York, New York 10005.

SEC 6-8. Asarco. 1982b. SEC Form 10-K.

SEC 6-9. Asarco. 1982c. Proxy Statement.

1 of 46

Fiche #

PInS 6-10. Barrett K, et al. Economic dislocation impact inventory study, a pre-test in three cities. Washington, D.C.: Office of Trade Adjustment Assistance, Bureau of International Labor Affairs, USDOL. 66605-00 2-3 of 46

PInS 6-11. Batt WL. 1983. "Canada's good example with displaced workers." Harvard Business Review 4:6-22. 4 of 46

PInS 6-12. Cartwright JV, Beemiller RM. 1980. The regional economic impact of military base spending. Washington, D.C.: Regional Economic Analysis Division, Bureau of Economic Analysis, USDOC, and SECDEF, USDOD. 5-6 of 46

PInS 6-13. Cartwright JV, Beemiller RM, Ambargis ZO. (n.d.) RIMS II, Regional input-output modeling system, a brief description. Regional Economic Analysis Division, Bureau of Economic Analysis, USDOC, and SECDEF, USDOD. 7 of 46

PInS 6-14. CEA. 1982. Council of Economic Advisors. Economic Report of the President. Washington, D.C. 8-13 of 46

SEC 6-15. Certain-Teed. 1982a. Certain-Teed Corporation. Annual Report. 120E. Lancaster Avenue, Valley Forge, PA 19482 14 of 46

SEC 6-16. Certain-Teed. 1982b. SEC Form 10-K. 14 of 46

Support References
B_3-File
Technical Report, Vol. I, Chapter 6

Fiche #
6660500

SEC 6-17. Certain-Teed. 1982c. Proxy Statement. 14 of 46

PInS 6-18. C&R Associates. (n.d.) Measuring the community costs of plant closings: overview of methods and data sources. FTC. Contract L 0458. 15 of 46

PInS 6-18a Indicators for Measuring the Community Costs of Plant Clossing. (November 1978). Prepared by C&R Associates for USFTC. (Hard copy)

PInS 6-19. Diltz JD, Et al. 1980. The effects of a Chrysler shutdown on the Illinois economy. Illinois Business Review 37(5):1-3. 17 of 46

PInS 6-20. DIRS. 1983. Dialog Information Retrieval Serv. Computer Printout: Disclosure II data base on Raymark, Ray Asbestos and RM Indust. Southern Mfg Corp., and H K Porter Co., Inc. Retrieved August 29, 1983, ICF Inc. 18 of 46

PInS 6-21. Dun and Bradstreet. 1983. Business Information Profiles. Computer Printout re: Southern Industrial Products Co. 19 of 46

PInS 6-22. Dun and Bradstreet. 1983a. Dun's Market Identifiers. Computer Printouts requested by J Zucker, ICF Inc. 19 of 46

Support References
B_3-File
Technical Report, Vol. I, Chapter 6

Fiche #
6660500

PInS 6-23. EIS. 1983. Economic Information Sys. Computer printout: line of business report, parent company report. Retrieved July 7, 1983. by ICF Inc. 20 of 4

PInS 6-24. Freeman RB, Medoff JL. 1979. "New Estimates of Private Sector Unionism in the United States." Industrial and Labor Relations Review 32:2, pp. 143-174. 21 of 4

PInS 6-25. Holen A. 1976. The Public Research Institute, Clearing House. Losses to workers displaced by plant closure or layoff: a survey of the literature. D.C.: Bureau of International Labor Affairs, USDOL. 22 of 4

PInS 6-26. Holen A, John C, Troast RP. 1981. The Public Research Insitutute. Earning losses of workers displaced by plant closings. Bureau of International Labor Affairs, USDOL. Contract J-9-K-6-0016. 23-24 of 4

?* 6-27. ICF. 1983a. Unpublished notes of telephone interviews with County Tax Assessors in 26 U.S. Counties. 25 of 46

?* 6-28. ICF. 1983b. Unpublished notes of phone interviews with Williams Burnett. Formosa Industries, August 1983. 25 of 46

* Docket audits of December 1986 and June-July: Unable to locate.

Support References
B_3-File
Technical Report, Vol. I, Chapter 6

Fiche #
6660500

?* 6-29. ICF. 1984. Telephone surveys of importers. 25 of 46

PInS 6-30. Jacobson L, Thomason J. 1979. The Public Research Institute. Earnings loss due to displacement. USDOL Contract J-9-M-9-0042. 26 of 46

SEC 6-31. Manville. 1982a. Manville Corp. Annual Report. 12999 Deer Creek Canyon, Denver, CO 80217. 27 of 46

SEC 6-32. Manville. 1982b. Manville Corp. Proxy Statement. 12999 Deer Creek Cany on, Denver, CO. "

SEC 6-33. Manville. 1982c. Manville Corp. SEC Form 10-K. Denver, CO. "

6-34. Prentice-Hall. 1983. State Unemployment and Disability. Payroll Guide. Englewood Cliffs, NJ: pp. 8001-8605. 28 of 46

PInS 6-35. President's Economic Adjustment Committee. 1983. Modeling the regional economic impacts of major new military bases. Washington, D.C.: President's Economic Adjustment Committee, Office of Economic Adjustment, SECDEF, The Pentagon. 29-30 of 4

* Docket audits of December 1986 and June-July: Unable to locate.

Fiche #
6660500
31 of 46

PInS 6-36. S&P. 1983. Standard and Poors Corp., "Table of Contents," Standard Corporate Descriptions. August 1983. S&P, 25 Broadway, New York, NY 10004.

PInS 6-37. USCEA. 1984a. Council of Economic Advisors. Economic Indicators for: June, July, August, September, October, November, 1984. Washington, D.C.: CEA.

32-38 of 46

PInS 6-38. USCEA. 1984b. Economic Report of the President.

39-43 of 46

CD 6-39. USDOC. 1978a. 1977 City and County Data Book. Washington, D.C.: Bureau of the Census.

44 of 46

CD 6-40. USDOC. 1978b. 1977 Census of Governments Volume 2, Taxable Property Values and Assessment/Sales Price Ratios. Bureau of the Census.

CD 6-41. USDOC. 1981a. 1980 Census of Population and Housing Preliminary Reports. Bureau of the Census.

CD 6-42. USDOC. 1981b. County Business Patterns. Bureau of the Census.

45 of 46

6-43. USDOC. 1977. 1977 Census of Manufacturers, Volume I. Bureau of Census, Washington, D.C., GPO.

ED_001470_00013167 ED_001470_00013168-00063

Fiche #
6660500
45 of 46

46 of 46

CD 6-44. USDOC. 1982. 1981 Annual Survey of Manufacturers.

CD 6-45. USDOC. 1983a. Statistical Abstract of the United States 1983. Bureau of Census.

PInS 6-46. USDOC. 1983b. Computer Printout: List of Workplaces and Residences of Workers in U.S. Counties, data collected in the 1970 U.S. Census. Washington, D.C.: Journey-To-work and Migration Statistics Branch, Bureau of the Census.

6-47. USDOC. 1983c. Bureau of Economic Analysis. RIMS Input-Output Model. Washington, D.C.

CD 6-48. USDOC. 1983. Annual Survey of Manufacturers, Bureau of Census 1983.

LOC 6-49. USDOI. 1981a. Minerals Yearbook Volume I.

LOC 6-50. USDOI. 1981b. Minerals Yearbook Volume II.

PInS 6-51. USDOI. 1984. Mineral commodity summaries 1984: An Up-to-date Summary of 87 Non-Fuel Mineral Commodities. Bureau of Mines.

Fiche #

LD 6-52. USDOL. 1979. Bureau of Labor Statistics. Employment and Earnings. Bulletin 1312-11. Washington, D.C.

LD 6-53. USDOL. 1981. Bureau of Labor Statistics. Earnings and Other Characteristics of Organized Workers, May 1980.

LD 6-54. USDOL. 1983a. Bureau of Labor Statistics. Job Tenure and Occupationl change, 1981.

LD 6-55. USDOL. 1983b. Bureau of Labor Statistics. Unemployment statistics by city, county, and SMSA as of April 1983. (Microfiche).

EPA 6-56. USEPA. 1982a. "Asbestos Reporting Requirements," Federal Register, 30 July 1982, p. 33207.

EPA 6-57. USEPA. 1982b. OTS. TSCA sec. 8(a) submissions. Washington, D.C.

EPA 6-58. USEPA. 1983. OTS. Survey of manufactures of asbestos-containing products.

Fiche #

GWU 6-59. Value-Line Investment Survey. 1983. July 8, 1983. Arnold Bernhard & co. Inc., 711 Third Avenue, New York, NY 10017.

PInS* 6-60. Versar Inc. 1983. Exposure Assessment for Asbestos. Prepared for OTS, USEPA. B_1-003

PInS 6-61. Wall Street Journal. 1982. "Americal Biltrite signs accord to split into two concerns." Agusut 12, 1982.

EPA 6-62. Wall Street Journal. 1983. "Manville unit sells its pipe operations."

* Document at B_1-003 is dated January 1984, not 1983.

Support References
B_3-File
Technical Report Vol I-"R"

			Fiche #
PInS	R-1.	Acheson ED, Gardner MJ. 1983. Asbestos: the control limit for asbestos. London: HMSO. Missing Not filmed	660499
PInS	R-2.	Acheson ED, et al. 1982. "The mortality of two groups of women who manufactured gas masks from chrysotile and crocidolite asbestos: a 40-year follow up." Br. J. of Industrial Medicine 39:344-348.	1 of 47
NLM	R-3.	American Cancer Society. 1982. Cancer facts and figures, 1983. New York.	2 of 47
?*	R-4.	American Lung Assn. 1979. Occupational lung diseases, an introduction. New York: American Thoracic Society. [Note to the file on fiche]	3 of 47
PInS	R-5.	Asbestos Mag. 1978 (Dec.):16,28-36.	4 of 47
PInS	R-6.	Asbestos Mag. 1982 (Jan.):18-25.	5 of 47
PInS	R-7.	Asbestos Mag. 1982 (Dec.). "The Manville petition--a continuing story." 64(6). (18-23).	6 of 47

* Not located during December 1986 or June-July 1989 audits. ICF may not have submitted to the docket.

Support References
B_3-File
Technical Report Vol I-"R"

			Fiche #
			6660499
PInS	R-8a	Asbestos Mag. 1983 (Jan.):64(7)	7 of 47
PInS	R-8b	Asbestos Mag. 1983 (Feb):1-30.	8 of 47
NLM	R-9.	Axtell LM, et al. 1976. Cancer patient survival. Report no. 5. Washington, DC: USGPO.	9 of 47
PInS	R-10.	Bale MD. 1976. "Estimates of trade-displacement costs for U.S. workers." J. of Internatl. Economics 6:245-250. Cross-referenced to G-1.	10 of 47
PInS	R-11.	Barron JM. 1981. "Changes in labor force status among the unemployed." J. Human Resources 16:427-440.	11 of 47
?*	R-12.	Beercheck. 1982. [NOTE TO file in hard copy] "Not located during 1989 audit"	12 of 47
PInS	R-13.	Berry G, et al. 1979. "Asbestosis: a study of dose-response relationships in an asbestos textile factory." Br. J. of Industrial Medicine 36:98-112. **See O-19 in docket 61004.**	12 of 47
PInS	R-14.	Berry G, Newhouse ML. 1983. "Mortality of workers manufacturing friction materials using asbestos." Br. J. of Industrial Medicine 40:1-7. **See O-4 file.**	12 of 47

Fiche #
6660499

PInS R-15. Brody WH. 1975. "Economic value of a housewife." Research and Statistics Note No. 9-1975. Washington, DC: USDHEW. 13 of 47

PInS R-16. CEA. 1983. See R-33. 14 of 47

PINS R-17. Chahinian AP. 1982. "Malignant mesothelioma." In: Cancer medicine. 2nd edition. Holland, JE, Frie, E., III, eds. Philadelphia: Lea and Febiger. RIA Ref 007 15 of 4

PInS R-18. Chem. Eng. 1979. "Economic indicators" 87(12:7). [The Dec. 12, 17, and 31 Issues, 1 page each]. 16 of 47

PInS R-19. Chronic Hazard Advisory Panel on Asbestos. 1983 (July). Report to the U.S. consumer product safety commission by the Chronic Hazard Advisory Panel on Asbestos. Washington, D.C.: USCPSC. **[See B_{1a}-001]** 17 of 47

PInS R-20. Clifton RA. 1983. Mineral commodity summaries-asbestos. Washington, D.C.: USDOI. 18 of 47

PInS R-21. Clifton RA. (Various years.) Mineral facts and problems--asbestos. Bureau of Mines, USDOI (14 documents). -22 19 of 47

Support References
B_3-File
Technical Report Vol I-"R"

Fiche #
6660499

PInS R-22. Clifton RA. 1981. Minerals yearbook-asbestos. Washington, D.C.: Bureau of Mines, USDOI. 23 of 47

PInS R-23. Clifton RA. (Various years.) Minerals yearbook--asbestos. For: 1970, 1972-1980, 1982-1983. Bureau of Mines, USDOI. 24 of 47 26

?* R-24. Cooper BS, et al. 1980. U.S. National Accounts: Historical perspective, current issues, and future projections. Paris France: European Conference on the Accounts of Health. NOT Available
[NOTE TO The File in hard copy only] 7/14/93

PInS R-25. Cooper BS, Rice DP. 1976 (Feb.) 'The economic cost of illness revisited". Social Security Bulletin 39(2). 27 of 47

PInS R-26. Cooper R, Cohen R, Amiry A. 1983. "Is the period of rapidly declining adult mortality in the United States coming to an end?" Am J of Public Health 73(9):1091-1093. 28 of 47

NLM R-27. Cox BG, Carr DT, Lee RE. 1977. Living with lung cancer. Rochester, MN: Mayo Foundation. 29 of 47

Support References
B_3-File
Technical Report Vol I-"R"

			Fiche #
PInS	R-28.	Daly AR, et al. 1976. Technological feasibility and economic impact of OSHA proposed revision to the asbestos standard. West Chester PA: Roy F. Weston. Prepared for AIA/NA.	6660499 ,33 30 of 47
PInS/ DRI	R-29.	Data Resources, Inc. 1983.	34 of 47
PInS	R-30.	Dement JM, et al. 1982. Estimates of dose-response for respiratory cancer among chrysotile asbestos textile workers. In: Inhaled particles V. Walton, W.H., ed. Oxford: Pergamon. See O-1 in this docket (62036).	35 of 47
PInS	R-31.	Dillingham AE. 1979. The injury risk structure of occupations and wages. Ph.D. dissertation, Cornell Univ. Ithaca, NY.	36-39 of 47 Fiche ~~Maybe~~ Missing
PInS	R-32.	Doll R, Peto R. 1981. "The causes of cancer: quantitative estimates of avoidable risks of cancer in the United States today." J. Nat. Cancer Inst. 66:1191-1308.	40-42 of 47
PInS	R-33.	Economic Report of the President. 1983. Washington, D.C.: USGPO.	43-47 of 47
PInS	R-34.	Ehrenberg RH, Oaxaca RL. 1976. "Unemployment insurance, duration of unemployment, and subsequent wage gain." Am. Econ. Rev. 66:754-766.	

OPTS 62036 B_3-Vol I-R_5

Remainder of This file: B3 Vol I "R" in hard copy as of July 69

Fiche #

PInS R-35. Ellwanger C. 1980 (Aug. 4). Wire Assoc. Internatl. Guilford, CT. Personal communication with J. Spessard, PEDCo Environmental, Inc.

* R-36. Eskes D. 1979 (Oct.). Cellulo Co. Fresno, CA. Personal communication with Mark Karaffa. PEDCo. **(Not Available)**

PInS R-37. Feder BT. 1981 (July 3). "Asbestos injury suits mount with broad business impact." New York Times, Sec. 1, p. 1.

PInS R-38. Finkelstein MM. 1982. "Asbestosis in long-term employees of an Ontario asbestos-cement factory." Am. Rev. Respiratory Diseases 125:496-501.

PInS R-39. Floor Covering Weekly. 1980. See B3-H-15.

PInS R-40. Fortune. 1983 (May 2). The Fortune directory of the largest U.S. Industrial Corporations. pp. 226-254.

LOC R-41. Friedman. 1962. **Available at Library of Congress**

* Docket audits of December 1986 and June-July: Unable to locate.

Fiche #

PInS R-42. GCA. 1984. Memo to the Record from ETD Re: Aggregate Statistics from the Toxic Substances Control Act Asbestos Reporting Rule. Prepared by GCA Corporation for the USEPA. January 1984. CBI version available only.

PInS R-43. Gibbs JO, Newman JF. 1982 (Nov.). Study of health services used and costs incurred during the last six months of a terminal illness. Blue Cross and Blue Shield Association, R&D Department.

PInS R-44. Gibson R. 1980 (July 28). Brown and Rost, Inc., Houston, TX. Personal Communication with John Spessard, PEDCo Environmental, Inc.

PInS R-45. Gorham. 1983. Proprietary information available through Gorham Associates, International. **Not Available**

PInS R-46. Hammond EC, Selikoff IJ, Seidman H. 1979. exposure, cigarette smoking and death rates." Ann. N.Y. Acad. Sci. 330:473-484.

LOC R-47. Harberger. 1971.

PInS R-48. Hegeman. 1980 (July 23). Pullman-Kellogg, Houston, TX. Personal communication with John Spessard, PEDCo Environmental, Inc.

Fiche #

PInS R-49. Henderson VI, Enterline PE. 1979. "Asbestos exposure: factors associated with excess cancer and respiratory disease mortality." Annals NY Academy Sci. 330:117-126. [See O-70 in docket 61004.] 205184

LOC R-50. Hicks. 1944. **Available at Library of Congress**

LOC R-51. Hicks. 1956. **Available at Library of Congress**

PInS R-52. Hill D. 1980 (July 20). Diamond Shamrock Co., Cleveland, OH. Personal communication with J Spessard, PEDCo Environmental, Inc.

PInS R-53. Hobbs MST, et al. 1980. "The incidence of pneumoconiosis, mesothelioma and other respiratory cancer in men engaged in mining and milling crocidolite in Western Australia." Biological Effects of Mineral Fibres 2:615-625. IARC Scientific Publication No. 30. [See O-75 in docket 61004.] 205185

PInS R-54. Hodgson TA, Meiners MR. 1982. "Cost of illness methodology: a guide to current practices and procedures." Milbank Memorial Fund Quarterly 60(3).

PInS R-55. Hodgson TA, Meiners MR. 1979. Guidelines for cost of illness studies in the Public Health Service. Prepared for the Public Health Service, USDHEW Task Force in Cost of Illness Studies.

Fiche #

PInS R-56. Hogan MD, Hoek DG. 1981. Estimated cancer risk associated with occupational asbestos exposure. Risk Analysis 1:67-76.

EPA R-57. Hughes J, Weill H. 1980. "Lung cancer risk associated with manufacture of asbestos cement products." Biological Effects of Mineral Fibres 2:627-637. IARC Scientific Publication No. 30. [For earlier version see O-78 in docket 61004.

PInS R-58. Hurd M. 1980. "A compensation measure of the cost of unemployment to the unemployed." Qtly. J. Econ. 95:225-243. [See B_3-G_4.]

PInS R-59. ICF Inc. 1983 (September 9). Distribution analysis for ban on asbestos containing products.

PInS R-60. Igwe B. 1974. Economic analysis of effluent guidelines for the asbestos industry. Cambridge, MA: Arthur D. Little. EPA-230/2-74-001. USEPA.

PInS R-61. Jacko MG, et al. "Non-Asbestos Friction Materials." In: Proceedings of the National Workshop on Substitutes for Asbetos, July 14-16, 1980. [Filed at B3-H-11.

PInS R-62. Jacob and Anspach. 1964. **Not Available**

Fiche #

PInS R-63. Jacob G, Anspach M. 1965. "Pulmonary neoplasia among Dresden amosite workers." Annals NY Academy Sci. 316:536.

PInS R-64. Jenkins GP, Montmarquette C. 1979. "Estimating the private and social opportunity cost of displaced workers." Rev. Econ. and Stat. 61:342-353. [See B_3-G_5.]

EPA R-65. Jones JSP, et al. 1980. "The consequences of exposure to asbestos dust in a wartime gas mask factory." Biological Effects of Mineral Fibres 2:637-653. IARC Scientific Publications No. 30.

LOC R-66. Just RE, et al. 1982. Applied welfare economics and public policy. Englewood Cliffs, NJ: Prentice-Hall.
Not Available

PInS R-67. Karney W. 1979 (Oct.). Ertel Engineering Co., Kingston, NY. Personal communication with M. Karaffa, PEDCo Environmental, Inc.

PInS R-68. Kendall DL, et al. Economic Analysis of Controls on Asbestos and Asbestos Products, Volume 1. ETD, OPTS, USEPA. 1982. Filed at B2a-015. See B_3V2H-$_{56}$.

PInS R-69. Krussel and Cogley. 1982. Asbestos Substitute Performance Analysis Revised Fianl Report. Prepared by GCA for CCD, OPTS, USEPA. [See B_{2a}-6.]

Fiche #

PInS R-70. Leddy JJ, et al. "Alkali and chlorine products." In: Kirk-Othmer encyclopedia of chemical technology. 3rd ed. Vol. 1. New York: Wiley. Pp. 779-865.

PInS R-71. Liddell et al. 1979. "Latent Periods in Lung Cancer Mortality in Relation to Asbestos Dose and Smoking Habit." Paper Presented at the Symposium on the Biological Effects of Mineral Fibres held on 25-27 September 1979. WHO, IARC, Lyon, France. [Filed at O-95 in Docket 61004.]

PInS R-72. Liddell FDK, et al. 1977. "Methods of cohort analysis: appraised by application to asbestos mining." J. Royal Statistical Soc. A 140:469-491.

PInS R-73. Linnerooth J. 1975. The evaluation of life-saving: a survey. Laxenburg Austria: International Institute for Applied Systems Analysis. RR-75-21.

PInS R-74. McDonald JC, et al. 1980. "Dust exposure and mortality in chrysotile mining, 1910-1975." Br. J. of Industrial Medicine 37:11-24. See O-23.

PInS R-75. McFarland, S. 1980 (July 31). Armstrong Cork Co., Cincinnati, OH. Personal communication with T Heizelman, PEDCo Environmental, Inc.

PInS R-76. Main GM. 1981. "The length of employment and unemployment in Great

Fiche #

Britain." Scot. J. Pol. Econ. 28:146-164.

Support References
B_3-File
Technical Report Vol I-"R"

Fiche #

PInS R-77. Malcolm, Pirnie. 1983. Investigation of Asbestos-Cement Pipe in the Water and Wastewater Industry. Paramus, NJ. Prepared for ICF for USEPA. [See B_3H_{59}] (B_3-V2H-059)

PInS R-78. Manfer. "Textiles." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. A Levine and H. Pillsbury, eds. OPTS USEPA. EPA 560/3/-80-001. Filed at B_3V2[illegible]11].

NLM R-79. Minna JD et. al. 1982. "Cancer in the lung." In: Cancer: principles and practice of oncology. DeVita V.T., Jr., Hellman S., Rosenberg S.A., eds. Philadelphia: Lippincott.

GWU R-80. Moody's Industrial Manual. 1978-1982. New York: Dun and Bradstreet.

PInS R-81. Mutti J. 1978. "Aspects of unilateral trade policy and factor adjustments costs." Rev. of Econ. and Stat. 60:102-110.

PInS R-82. Newhouse ML, Berry G. 1979. "Patterns of mortality in asbestos factory workers in London." Annals of the NY Academy Sci. 330:53-60. See O-121 in docket 61004. 205190

PInS R-83. Nicholson J. 1983. Quantitative risk assessment for asbestos-related cancers. USDHHS. Contract J-9-F-2-0074. See B_{2a}-1.

Fiche #

PInS R-84. Nicholson WJ et al. 1982. "Occupational exposure to asbestos: population at risk and projected mortality--1980-2030." Am. J. of Industrial Medicine 3:259-311.

PInS R-85. Nicholson WJ, Selikoff IJ, et al. 1979. Long term mortality experience of chrysotile miners and millers in Thetford mines, Quebec. Ann. NY Acad. Sci. 330:11-21. See O-29.

PInS R-86. Olson CA 1981. "An analysis of wage differentials received by workers in dangerous jobs." J. Human Resources 16:167-185.

PInS R-87. Ortslan T. 1979. The outlook for the asbestos industry. Montreal/Toronto: Jones, Howard and Co., p. 28.
Not Available

PInS R-88. PEDCo Environmental Inc. 1984 (January). Product cost equations and supply parameters for selected asbestos product model plants. Phase II. USEPA.

EPA R-89. Peters GA and Peters BJ. 1980. Sourcebook on asbestos diseases: medical, legal and engineering aspects. New York: Garland STPM.
Available at EPA Library

Fiche #

PInS R-90. Peto J. 1979. "Dose-response relationships for asbestos-related disease: implications for hygiene standards, Part II, mortality." Annals NY Academy Sci. 330:195. See O-128 in docket 61004. 205166

EPA R-91. Peto J. 1980. "Lung cancer in relation to measured dust levels in asbestos factory." In: Biological effects of mineral fibres. Wagner, JC, ed. Lyon, France: IARC. Scientific Publication No. 30, pp. 829-836.
Available at EPA Library

PInS R-92 Peto H, Seidman H, Selikoff IJ. 1982. "Mesothelioma incidence in asbestos workers: implications for models of carcinogenesis and risk assessment." Br. J. Cancer 45:124-135.

PInS R-93. Price F. 1980 (July 28). Delco-Moroine, Dayton, OH. Personal communication with J. Carruthers, PEDCo Environmental, Inc.

PInS R-94. Rado TA. 1980 (July 23). Kerr-McGee Corp., Oklahoma City, OK. Personal communication with J Spessard, PEDCo Environmental, Inc.

PInS R-95. Research Triangle Institute.* 1981. National Emission standards for asbestos. Washington, D.C.: OAQPS, USEPA.

---

*Not RTI. Incorrectly cited in RIA.

Fiche #

PInS R-96. Research Triangle Institute. 1982. Tort liability and worker health. An Examination of the Economic, Legal and Scientific Issues Surrounding the Occupational Disease Protection Afforded by Tort Law. ORA/USDOL.

PInS R-97. Rubino GF, et al. 1979. "Mortality of chrysotile asbestos workers at the Balangero mine, North Italy." Br. J. of Industrial Medicine 36:187-194. [See O-33.]

NIH R-98. Scotto J, Chazze L. 1976 (March). Third national cancer survey: hospitalizations and payments to hospitals, part one: summary. Washington, D.C.: USDHEW, Publication No. (NIH) 76-1094.

PInS R-99. Seidman H, et al. 1979. "Short-term asbestos work exposure and long-term observations." Annals NY Academy Sci. 330:61-89. [See O-34.]

LD R-100. Selikoff IJ. 1981. Disability compensation for asbestos-associated disease in the United States. Washington, D.C.: USDOL, 569-585. Contract J-9-M-8-016T.

PInS R-101. Selikoff IJ, Hammond EC. 1979. "Mortality experience of insulation workers in the United States and Canada." Annals of J. Industrial Medicine I:8-22. See O-36.

Fiche #

* R-102. Selikoff IJ, et al. 1968. "Asbestos exposure, smoking and neoplasia." J. Am. Med. Assoc. 204:106-12. **Not Available**

PInS R-103. Selikoff IJ, et al. 1979. "Mortality experience in insulation workers in the United States and Canada." Annals of NY Academy of Sci. 330:91-116. See O-36.

EPA R-104. Selikoff IJ, Lee DHK. 1978. Asbestos and disease. New York: Academic. Also in National Library of Medicine.

PInS R-105. Settle RF. 1974. The welfare economics of occupational safety and health standards. Ph.D. dissertation, University of Wisconsin-Madison.

PInS/ NIH R-106. SRI. 1978. Asbestos: an information resource. p. 12. Menlo Park, CA.

NLM R-107. Smith RS. 1976. American Enterprise Institute. The occupational safety and health act. Washington, D.C.: Public Policy Research.

PInS R-108. Smith VK. "Role of site and job characteristics in hedonic wage models." Southern Econ. J. (in press).

* Docket audits of December 1986 and June-July: Unable to locate.

Fiche #

GWU R-109. Standard and Poors Corporation Records. 1979. New York: Standard and Poors Corp.

PInS R-110. Stone RW. 1975 (July). Employing the recovered cancer patient. Cancer 36 (supplement):285-286.

PInS R-111. The Clorine Institute, Inc. 1979 (Dec. 14). Response to EPA's Advance Notice of Proposed Rulemaking Under TSCA Concerning Asbestos. See C-file in docket 61005.

PInS R-112. Tielborg P. 1980 (July 16). Pipe Line Contractors' Assoc. Dallas, TX. Personal communication with J. Spessard, PEDCo Environmental, Inc.

LD R-113. USDOC. 1973-1982. Survey of current business. Bureau of the Census.

LD R-114. USDOC. 1978. 1976 Annual survey of manufactures. Bureau of the Census.

LD R-115. USDOC. 1979. 1977 census of manufactures. Preliminary report for asbestos products--SIC 3292. Bureau of the Census.

LD R-116. USDOC. 1980a. 1978 annual survey of manufactures. Bureau of the Census.

LD R-117. USDOC. 1980b. 1977 census of manufactures. Bureau of the Census.

Fiche #

LD R-118. USDOC. 1980c. Statistical abstract of the United States. Bureau of the Census.

LD R-119. USDOC. 1981. 1980 Annual survey of manufactures. Bureau of the Census.

LD R-120. USDOC. 1983. (Ch. 1, Sec. II.) 1981 Annual Survey of Manufacturers.

PInS R-121. USDOI. 1977 (Sept.). Mineral commodity profiles--asbestos. Draft. Washington, D.C.: Bureau of Mines, p.16.

PInS R-122. USDOI. 1979 (July). Mineral commodity profiles--asbestos. Bureau of Mines, p.17.

PInS R-123. USDOI. 1982 (Dec.). Mineral commodity summaries--1986. Bureau of Mines.

LD R-124. USDOL. 1980 (July). Union Wages and Benefits: Building Trades. Bureau of Labor Statistics.

LD R-125. USDOL. 1982 (March). Economic projections to 1990. Bureau of Labor Statistics.

LD R-126. USDOL. 1983a (Jan.). Job tenure and occupational change, 1981. Bureau of Labor Statistics. USGPO. Bulletin 2162.

Fiche #

LD R-127. USDOL. 1983b (June). Employment and Earnings 30, No. 6. Bureau of Labor Statistics.

LD R-128. USDOL. 1983c (Aug.). Employment and Earnings 30, No. 8. Bureau of Labor Statistics.

PInS R-129. USEOP. 1983. Economic report of the President, 1983. Washington, D.C.: Council of Economic Advisers, pp. 166-168. [See B_3-R_{33}.] **CBI Document**

PInS R-130. USEPA. 1982. AIS 8a Reporting Data. [See B_6 CBI Listing].

PInS R-131. USOMB. 1972. Discount rates to be used in evaluating time-distributed costs and benefits. Washington, D.C.: US Office of Management and Budget. Circular A-94 (revised).

SEC R-132. US Securities and Exchange Commission. 1979. 10K Forms. Washington, D.C.: USGPO.

PInS R-133.* Versar, Inc. 1983. Exposure assessment for asbestos. OPTS, USEPA. Contract 69-01-6271, Task 49. [B_{1a}-003] **Not Available**

* Document at B_{1a}-003 is dated January 1984, not 1983.

Fiche #

PInS R-134. Violette DM, Chestnut LG. 1983. Valuing reductions in risks: a review of the empirical estimates. Prepared for USEPA by Boulder, CO: Energy and Resource Consultants, Inc. NTIS PB83-238568.

PInS R-135. Viscusi WK. 1978 (Summer). "Labor market valuations of life and limb: empirical evidence and policy implications." Public Policy 26:359-386.

NLM R-136. Viscusi WK. 1983. Risk by choice. Boston: Harvard Univ.

PInS R-137. Viscusi WK, Autumn 1983. Alternative Approaches to Valuing the health impacts of accidents: liability law and prospective evaluations. Law and Contemporary Problems 46(4):49-68.

NLM R-138. Waldron HA. 1979. Lecture Notes on Occupational Medicine. Oxford, England: Blackwell Scientific Publications.

PInS R-139. Weill H, et al. 1979. "Influence of dose and fiber type in respiratory malignancy risk in asbestos cement manufacturing." American Review of Respiratory Diseases. 120:345-354. [See O-260 in docket 61004.]

PInS R-140. Weinstein M, et al. 1980. "Economic value of changing mortality probabilities: a decision-theoretic

approach." Quarterly Journal of Economics 94:373.

Support References
B_3-File
Technical Report Vol I-"R"

Fiche #

PInS R-141. Willig. 1976. American Economic Review Article.

PInS R-142 Zeckhauser RJ, Shepard D. 1976. "Where Now for Saving Lives?" Law and Contemporary Problems 40: 5-45.

Support References
B_3-File
Vol II-Appendix A

"Asbestos Fiber Supply in North America"

Fiche #

PInS A-1. Asbestos Magazine. 1983 (January). "Asbestos mining industry review, 1982." 64(7). [See B_3-R_8.]

PInS A-2. Chemical and Engineering News. March 28, 1983. "Legal remedies for victims begin taking shape." 11-18, 20. By LR Ember.

PInS A-3. Clifton RA. 1975, 1980. Minerals facts and problems--asbestos. Washington, DC: USDOI. [See B_3-R_{21}.]

PInS A-4. Clifton RA. 1983a. Mineral commodity summaries--asbestos. [See B_3-R_{20}.]

LOC A-5. Clifton RA. 1983b. Minerals yearbook. Bureau of Mines, USDOI.

GWU A-6. Dasgupta PS, Heal GM. 1979. "Economic theory and exhaustible resources." Cambridge Economic Handbooks. Oxford: Cambridge University Press.

PInS A-7. Economic Report of the President. 1983. [See B_3-R_{33}.] Also see B_3-R_{16}.]

ED_001470_00013167 ED_001470_00013168-00090

"Asbestos Fiber Supply in North America"

Fiche #

PInS A-8. Energy, Mines, and Resources Canada. 1983. (January-September). Asbestos export summary. Ottawa, Canada.

CAN A-9. Energy, Mines, and Resources Canada. Various years. Canadian minerals yearbook--asbestos. Ottawa, Canada.

CAN A-10. Energy, Mines, and Resources Canada--Minerals. Various years. Production of Canada's leading minerals. Ottawa, Canada.

PInS A-11. Griliches Z. 1967. Distributed lags: a survey. Econometrica 35.

LOC A-12. International Monetary Fund. Various years. International financial statistics report.

GWU A-13. Intriligator MD. 1978. Economic models, techniques, and applications. Englewood Cliffs, NJ: Prentice-Hall, Inc.

CAN A-14. Metal and Minerals Group. 1981. Asbestos historical statistics: 1970-81. Ottawa, Canada: Department of Industry, Trade, and Commerce.

"Asbestos Fiber Supply in North America"

Fiche #

CAN A-15. Statistics Canada. 1959-1977. Publication #26-205-Asbestos. Production and shipments of asbestos by Canadian mines. Ottawa, Canada.

CAN A-16. Statistics Canada. 1978-1981. Publication #26-224--Asbestos. Production and shipments of asbestos by Canadian mines. Ottawa, Canada.

PInS A-17. USDOI. 1957-1983. Minerals yearbook--asbestos. See B_3-R-$_{21}$.

Support References
B_3-File
Vol II-Appendix C

"Asbestos Products Baseline Projections" Fiche #

DRI C-1. Data Resources, Inc. 1983. U.S. long-term review. Trend Long Forecasts.

DOT C-2. DOT. (US) 1976. The report by the federal task force on motor vehicle goals beyond 1980. Washington, D.C.

PInS C-3. DOT. (US) 1980. Automotive maintenance data base for model years 1976-1979. In 2 parts.

DOT C-4. DOT. (US) 1981. Past and future trends in automobile sales. Washington, D.C.

DOT C-5. DOT. (US) 1981. Past and future trends in light truck sales. Washington, D.C.

DOT C-6. DOT. (US) 1981. A preliminary evaluation of two braking improvements for passenger cars. Washington, D.C.

EPA C-7. EPA. (US) 1983. Toxic Substances Control Act, Section 8(a).
Available at EPA Library

PInS C-8. Gruenspecht HK. 1982. Differentiated regulation: the case of auto emission standards. American Economic Review.

"Asbestos Products Baseline Projections" Fiche #

HUN C-9. Hunter Publishing Company. 1981 Service job analysis.

PInS C-10. ICF, Inc.; Kavanaugh, M., Memo to A Moll, USEPA; Forecast of Drum and Disc Brake Sales in the Light Vehicle After-market. December 12, 1983.

PInS C-11. Motor Vehicle Manufacturers Assn. (MVMA). 1982. Facts and figures 1982. Washington, D.C.

GWU C-12. Ward's Communication Publishers, Inc. Various issues. Ward's automotive yearbook.

PInS C-13. Wharton Econometric Forecasting Associates. Philadelphia, PA. See item 10 above (ICF memo).

Support References
B_3-File
Vol II-Appendix E

"Computer Model to Estimate Health Benefits of Regulatory Alternatives"

Fiche #

NLM E-1. Axtell LM, et al. 1976. Cancer patient survival. Report No. 5. [See B_3-R_9.]

GWU E-2. Eddy DM. 1980. Screening for cancer: theory, analysis and design. Englewood Cliffs, NJ: Prentice-Hall.

PInS E-3. Nicholson J. 1983. Quantitative risk assessment for asbestos-related cancers. Contract J-9-F-2-0074. [See item (1) in B_{2a}.]

"Estimation of Factors Dislocation Costs" Fiche #

PInS G-1. Bale MD. 1976. "Estimates of trade-displacement costs for U.S. workers." Journal of International Economics 6:245-250.

PInS G-2. Barron JM. 1981. "Changes in labor force status among the unemployed." The Journal of Human Resources 16(3):427-440. [See B_3-R_{11}].

PInS G-3. Ehrenberg RH, Oaxaca RL. 1976. "Unemployment insurance, duration of unemployment, and subsequent wage gain." American Economic Review 66:754-766. [Cross-referenced to R-34.]

PInS G-4. Hurd M. 1980. "A compensation measure of the cost of unemployment to the unemployed." Quarterly Journal of Economics 95:225-243.

PInS G-5. Jenkins GP, Montmarquette C. 1979. "Estimating the private and social opportunity cost of displaced workers." Review of Economics and Statistics 61:342-353.

"Estimation of Factors Dislocation Costs" Fiche #

PInS G-6. Main GM. 1981. "Length of employment and unemployment in Great Britain." Scottish Journal of Political Economy 28:146-164.

PInS G-7. Mutti J. 1978. "Aspects of unilateral trade policy and factor adjustment costs." Review of Economics and Statistics 60:102-110. [See B_3-R_{81}].

Support References
B_3-File
Vol II-Appendix H

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-1. Asbestos Magazine. 1983 (January). Asbestos mining industry review. 64(7):5-9. [See B_3-R_8].

PInS H-2. Asbestos Magazine. 1983 (February). [See B_3-R_8.]

PInS H-3. Babcock and Wilcox. (Various dates). Product literature. Product information on Kaowool@ Ceramic Fiber Products.

PInS H-4. Bailie DE. 1980. "Single-ply roofing as a substitute for asbestos roofing felt." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. Levin A. and Pillsbury H., eds. Washington, DC: OPTS, USEPA. EPA 560/3-80-001. [See B_3-H_{11}.]

PInS H-5. Barker RL. 1983. Report to the Research Triangle Institute on Asbestos Substitute Textiles. NC State University. Unpublished paper.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-6. Brzozowski K. 1980. "Asbestos substitutes in roof coatings." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. Levin, A. and Pillsbury, H., eds. OPTS, USEPA. EPA 560/3-80-001. [See B_3-H_{11}.]

PInS H-7. Business Trend Analysts. 1982. The U.S. floor covering industry: A Statistical Analysis and Biennial Review.

PInS H-8. Carborundum. 1983. Product literature. Price schedule for Fiberfrax@ Paper 550 Series. Insulation Division, P.O. Box 808, Niagara Falls, NY 14302.

LOC H-9. Chemical Marketing Reporter, December 5, 1983.

LOC H-10. Chemical Marketing Reporter, December 12, 1983.

PInS H-11. Cogley D. 1980. Other substitutes for asbestos-cement sheet. In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. Levin A. and Pillsbury H., eds. OPTS, USEPA. EPA-560/3-80-001.

Support References
B_3-File
Vol II-Appendix H

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-12. Cotronics Corp. (n.d.) Product literature. Engineering data sheets on 370 Ceramic Board and Ceramic Paper. 3379 Shore Parkway, Brooklyn, NY 11235.

PInS/ICF H-13. EIS. 1983. Economic Information System. Computer printout: line of business report, parent company report. Retrieved September, 1983. Washington, DC by ICF Inc.

H-14. European Chemical News. 1983. **Not Available**

PInS H-15. Floor Covering Weekly. 1980. Annual Handbook of contract floor covering. New York.

PInS H-16.* ICF. 1983a. N Winkler. Washington, DC 20006. Telephone conversations with Industry

*For information on telephone logs B_3-V2-H16 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

Support References
B_3-File
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"Asbestos Products Substitutes Analysis" Fiche #

PInS H-17. ICF. 1983b. D Stabile. Telephone conversations with Industry

PInS H-17. ICF. 1983b. F Lerman. Telephone conversations with Industry

PInS H-17. ICF. 1983b. M Wagner. Telephone conversations with Industry

PInS H-17. ICF. 1983b. S Harris. Telephone conversations with Industry

PInS H-18. ICF. 1983c. R Ryland. Telephone conversations with Industry

PInS H-18. ICF, Inc. 1983c. F Lerman. Telephone conversations with Industry

PInS H-18. ICF, Inc. 1983c. M Wagner. Telephone conversations with:

PInS H-18. ICF Inc. 1983c. S Harris. Telephone conversations with Industry

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-18. ICF, Inc. 1983c. M Wagner. Telephone conversations with Industry

PInS H-18. ICF Inc. 1983c. D Stabile. Telephone conversations with:

PInS H-18 ICF Inc. 1983c. E Gorman. Telephone conversation with:

PInS H-19. ICF. 1983d. R Ryland. Telephone conversations with:

PInS H-19. ICF. 1983d. R Ryland. Telephone conversations with:

PInS H-19. ICF. 1983d. D Stabile. Telephone conversations with representatives of:

PInS H-19. ICF Inc. 1983d. E Gorman. Telephone conversation with:

PInS H-20. ICF. 1983e. D Stabile. Telephone conversations with:

---

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

Support References
B_3-File
Vol II-Appendix H

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-21. ICF. 1983f. E Malitz. Telephone conversations with:

PInS H-21. ICF. 1983f. E Malitz. Telephone conversations with:

PInS H-22. ICF. 1983g. C Atwood. Telephone conversations with:

PInS H-22. ICF. 1983g. C Atwood. Telephone conversations with:

PINS H-22 ICF. 1983g. C Atwood. Telephone Conversations with:

PInS H-23. ICF. 1983h. W Choi. Telephone conversations with:

PInS H-24. ICF. 1983i. W Choi. Telephone conversations with:

---

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

Support References
B_3-File
Vol II-Appendix H

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-24 ICF Inc. 1983i. M Kenney. Telephone conversations with:

PInS H-25. ICF. 1983j. W Choi. Telephone conversations with:

PInS H-25. ICF Inc. 1983j. M Kenney. Telephone conversations with:

PInS H-26. ICF. 1983k. Y Chuang. Telephone conversations with:

PInS H-26. ICF. 1983k. Y Chuang. Telephone conversations with:

PInS H-27. ICF. 1983l. N Winkler. Telephone conversations with:

PInS H-27. ICF Inc. 1983l. MC Desrosiers. Telephone conversations with:

PInS H-28. ICF. 1983m. E Malitz. Telephone conversations with:

---

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-28. ICF. 1983m. E Malitz. Telephone conversations with:

PInS H-29. ICF. 1983n. N Winkler. Telephone conversation with:

PInS H-29. ICF. 1983n. G DiLiegro. Telephone conversations with:

PInS H-30. ICF. 1983o. W Choi. Telephone conversations with:

PInS H-30. ICF. 1983o. M Kenney. Telephone conversations with:

PInS H-31. ICF. 1983p. N Winkler. Telephone conversation with:

PInS H-31. ICF. 1983p. MC Desrosiers. Telephone conversations with:

PInS H-32. ICF. 1983q. E Malitz. Telephone conversations with:

---

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-33. ICF. 1983r. E Malitz. Telephone conversations with:

PInS H-33. ICF. 1983r. E Malitz. Telephone conversations with:

PInS H-34. ICF. 1983s. N Winkler. Telephone conversation with:

PInS H-34. ICF. 1983s. G DiLiegro. Telephone conversations with:

PInS H-35. ICF. 1983t. N Winkler. Telephone conversation with:

PInS H-35. ICF. 1983t. G DiLiegro. Telephone conversations with:

PInS H-36. ICF. 1983u. N Winkler. Telephone conversation with:

PInS H-36. ICF. 1983u. G DiLiegro. Telephone conversations with:

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

Support References
B_3-File
Vol II-Appendix H

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-36. ICF. 1983u. G DiLiegro. Telephone conversations with:

PInS H-37. ICF. 1983v. N Winkler. Telephone conversation with:

PInS H-37. ICF. 1983v. MC Desrosiers. Telephone conversations with:

PInS H-38. ICF. 1983w. M Edelstein. Telephone conversations with:

PInS H-39. ICF. 1983x. Y Chuang. Telephone conversations with:

PInS H-40. ICF. 1983y. M Wagner. Telephone conversations with:

PInS H-40. ICF. 1983y. M Wagner. Telephone conversations with:

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

Support References
B_3-File
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"Asbestos Products Substitutes Analysis" Fiche #

PInS H-40. ICF. 1983y. P Powers. Telephone conversations with:

PInS H-41. ICF. 1983z. C Atwood. Telephone conversations with:

PInS H-41. ICF. 1983z. C Atwood. Telephone conversations with:

PInS H-42. ICF. 1983aa. E Malitz. Telephone conversations with:

PInS H-43. ICF. 1983bb. Y Chuang. Telephone conversations with:

PInS H-44. ICF. 1983cc. M Wagner. Telephone conversations with:

PInS H-44 ICF. 1983cc. P Powers. Telephone conversations with:

---

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

Support References
B_3-File
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"Asbestos Products Substitutes Analysis" Fiche #

PInS H-45. ICF. 1983dd. M Edelstein. Telephone conversations with:

PInS H-46. ICF. 1983ee. W Choi. Telephone conversations with:

PInS H-46. ICF. 1983ee. M Kenney. Telephone conversations with:

PInS H-46. ICF. 1983ee. W Choi. Telephone conversations with:

PInS H-47. ICF. 1984a. M Kenney. Telephone conversations with:

PInS H-48. ICF. 1984b. M Kenney. Telephone conversation with:

PInS H-49. ICF. 1984c. M Kenney. Telephone conversations with:

---

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

Support References
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"Asbestos Products Substitutes Analysis" Fiche #

PInS H-50. ICF. 1984d. M Kenney. Telephone conversations with:

PInS H-51. ICF. 1984e. M Kenney. Telephone conversation with:

PInS H-52. ICF. 1984f. M Kenney. Telephone conversation with:

PInS H-53. ICF. 1984g. N Winkler. Telephone conversations with:

*For information on telephone logs B_3-V2-H16-53 See: Memo from A Moll, ETD, OPTS, USEPA to the Record entitled: "Phone Logs Missing from the Public Docket, dated October 01, 1986 at N_2-26b

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-54. ICF. 1984h. N Winkler. Telephone conversation with:

101* T Smith, U.S. Fire Admin., FEMA, Emmitsburg, MD. (301) 447-6185..

PInS H-55. Jacko MG, et al. 1980. "Non-asbestos friction materials." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. OPTS, USEPA. EPA-560/3-80-001. [Filed at B_3-H_{11}.

PInS H-56. Kendall DL. 1982. Economic analysis of controls on asbestos and asbestos products, volume 1. ETD, OPTS, USEPA. [Filed at B_{2a}-15.

PInS H-57. Koehler SD. 1980. Gaskets and packings. In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. Levin A. and Pillsbury H., eds. OPTS, USEPA. EPA-560/3-80-001. [Filed at B_3H_{11}]

* Docket audits of December 1986 and June-July: Unable to locate.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-58. Krusell N, Cogley D. 1982. Asbestos substitute performance analysis. GCA-TR-81-32-G. OPTS, USEPA. [Filed at B_{2a}-6]

PInS H-59. Malcolm Pirnie, Inc. 1983. Investigation of asbestos-cement pipe in the water and wastewater industry. Paramus, New Jersey. Prepared for ICF for USEPA.

PInS H-60. Manfer SG. 1980. "Textiles." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. Levin A. and Pillsbury H., eds. OPTS, USEPA. EPA-560/3-80-001. [See B_3H_{2-11}.]

PInS H-61. Modern Plastics Magazine. 1983 (July). Fillers and Reinforcements.

PInS H-62. Naitove M. 1980. "Asbestos in plastics: looking for alternatives." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. Levin A. and Pillsbury H., eds. OPTS, USEPA. EPA-560/3-80-001. [Filed at B_3 V2-H_{11}.]

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-63. RTI. 1983a. Research Triangle Inst. Telephone conversations with:

101* Rep, Fitch Lumber, Carrboro, NC;

102 Rep, Terry's Floor Fashion, Cary, NC:

103 J Rogers, Tarkett (GAF), Atlanta, GA;

104 B Sherman, Kentile, Brooklyn, NY.

PInS H-64. RTI. 1983b. Telephone conversations with:

101 Rep, Widge Chem, Warren, MI;

102 Rep, Thiem Corp., Milwaukee, WI

103 Rep, Chrysler Corp., Chem Div, Trenton, MI.

PInS H-65. RTI. 1983c. Telephone conversations with:

101 Rep, Cem-FIL Corp, Nashville, TN;

102 Rep, H.H. Robertson Co., Resolite Div, Zelien-Ople, PA.

PInS H-66. RTI. 1983d. Telephone conversations with:

101 Rep, Cem-FIL Corp, Nashville, TN;

102 Rep, Intl Building Products, New Orleans, LA.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-67. RTI. 1983e. Telephone conversations with Reps of:

101 Lowe's, Raleigh, NC;

102 Carolina Builders, Raleigh, NC;

103 Wickes, Raleigh, NC.

PInS H-68. RTI. 1983f. Telephone conversations with Reps of:

101 Resinoid Engr, Skokie, IL;

102 Rogers Corp, Manchester, CT.

PInS H-69. RTI. 1983g. Telephone conversations with Reps of:

101 Charlie Brown's Transmission Serv, Raleigh, NC;

102 Transtar, Atlanta, GA;

103 Transmark, Birmingham, AL.

PInS H-70. RTI. 1983h. Telephone conversation with Reps of:

101 Cooper Mfg,, Marshalltown, IA.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-71. RTI. 1983i. Telephone conversations with Reps of:

101* H.K. Porter Co, Huntington, IN;

102* Scan-Pac, Mequon, WI;

103* Fras-Le Friction Materials (Distributed by Prudential Sales, Inc., New York, NY).

PInS H-72. RTI. 1983j. Telephone conversations with Reps of:

101* Newtex Industs, Victor, NY;

102 Janos Indust Insulation, Moonachie, NJ;

103 Darco Southern, Independence, VA.

PInS H-73. RTI. 1983k. Telephone conversations with Reps of:

101 HK Porter, Huntington, IN;

102 Fras-Le Friction Materials, Co., New York, NY;

103 Continental Friction Products, Naperville, IL.

---

* Docket audits of December 1986 and June-July: Unable to locate.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-74. RTI. 1983l. Telephone conversations with Reps of:

101 Bendix Corp., Southfield, MI;

102 Goodyear Aerospace, Indust Brake Div, Berea, KY;

103 B.F. Goodrich Co, Troy, OH.

PInS H-75. RTI. 1983m. Telephone conversations with Reps of:

101 Bendix Corp., Southfield, MI;

102 Thiokol Corp., Trenton, NJ.

PInS H-76. RTI. 1983n. Telephone conversations with Reps of:

101 Thiokol Corp., Trenton, NJ;

102* Bendix Corp., Southfield, MI.

PInS H-77. RTI. 1983o. Telephone conversations with Reps of:

101 Scan-Pac, Mequon, WI;

102* Prudential Sales, Inc., New York, NY.

* Docket audits of December 1986 and June-July: Unable to locate.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-78. RTI. 1983p. Telephone conversations with Reps of:

101 Quin-T Corp., Tilton, NH;

102* Carborundum Corp., Niagara Falls, NY;

103 DuPont Corp., Wilmington, DE.

PInS H-79. RTI. 1983q. Telephone conversations with Reps of:

101* Carborundum Corp., Niagara Falls, NY;

102 Quin-T Corp., Tilton, NH;

103* Janos Indust Insulation, Moonachie, NJ.

PInS H-80. RTI. 1983r. Telephone conversations with Reps of:

101 Oriental Gasket & Packing, Dallas, TX;

102* Raleigh-Durham Rubber and

103* Gasket Cy, Raleigh, NC;

104 Carborundum Corp, Niagara Falls, NY.

* Docket audits of December 1986 and June-July: Unable to locate.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-81. RTI. 1983s. Telephone conversations with Reps of:

101* McAllister Building Supply, Raleigh, NC;

102* Capital City Lumber, Raleigh, NC;

103* Lowe's, Raleigh, NC;

104* Janos Indust Insulation, Moonachie, NJ;

105* Johns-Manville, Goldsboro, NC.

PInS H-82. RTI. 1983t. Telephone conversations with Reps of:

101 Taylored Industs, Inc., Cheswick, PA;

102 Janos Indust Insulation, Moonachie, NJ;

103* Carborundum Corp, Niagara Falls, NY;

104 B&D Supply, Inc., Yeadon, PA.

PInS H-83. RTI. 1983u. Telephone conversations with Reps of:

101* Cooper Mfg, IA;

102* Nicolet, Ambler, PA;

103* Carborundum Corp, Niagara Falls, NY;

104 Raleigh-Durham Rubber & Gasket Co., Raleigh, NC.

* Docket audits of December 1986 and June-July: Unable to locate.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-84. RTI. 1983v. Telephone conversation with Rep of:

101 Cellulo Corp., Cranford, NJ.

PInS H-85. RTI. 1983w. Telephone conversations with Reps of:

101 Newtex Industs, Victor, NY;

102* Janos Indust Insulation, Moonachie, NJ;

103* Darco Southern, Independence, VA.

GWU H-86. Standard and Poors. 1983.

CD H-87. USDOC. 1983. U.S. Department of Commerce, Bureau of Industrial Economics. 1983 U.S. Industrial Outlook.

PInS H-88. USDOI. 1982. Minerals Yearbook. See B_3-

EPA H-89. USEPA. 1982. OPTS. TSCA Section 8(a) submissions.

* Docket audits of December 1986 and June-July: Unable to locate.

"Asbestos Products Substitutes Analysis" Fiche #

PInS H-90. Wink J. 1980. "Mill applied coatings for underground pipelines." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. OPTS, USEPA. EPA-560/3-80-001. [See B_3H_{11}.]

PInS H-91. Wormser E. 1980. Overview of asbestos substitutes in sealants, roof coating and cements. In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. OPTS, USEPA. EPA-560/3-80-001. [See B_3H_{11}.]

Support References
B_3-File
Vol III-Appendix K

"Welfare Analysis of Asbestos Controls" Fiche #

LOC K-1. Just RE, et al. 1982. Applied welfare economics and public policy. Englewood Cliffs, NJ: Prentice-Hall. [See B_3-R66.]

Support References
B_3-File
Vol III-Appendix N

"Health Effects of Non-Occupational Asbestos Exposure"

PInS N-1* Memo from FP Scaringelli, Chief, ESAS, to Chief, Standard Development Branch, National Environment Research Center. (NERC) USEPA, RTP, NC. January 8, 1974. **Not Available**

PInS N-2* Communication with B Faoro, NERC, USEPA, RTP, NC. March 18, 1984. **Not Available**

EPA N-3 Nicholson WJ, et al. Asbestos Contamination of the Air in Public Buildings. USEPA, ETD, NC. Publication Number EPA 450/3-76-004. 1975.

PInS N-4 Sebastien P, et al. Measurement of Asbestos Air Pollution Inside Buildings Sprayed with Asbestos. EPA 560/13-80-026. August 1980. [See B_3-file in docket 62044.]

PInS N-5 Chatfield EJ. Unpublished data, 1982 (see Reference 6.)

PInS N-6 Chatfield ER. Measurement of Asbestos Fiber Concentrations in Ambient Atmospheres. Study Number 10. Ontario Research Foundation. May 1983. Prepared for the Royal Commission on Health and Safety, Canada.

* Docket audits of December 1986 and June-July: Unable to locate.

Support References
B_3-File
Vol III-Appendix N

"Health Effects of Non-Occupational Asbestos Exposure"

PInS	N-7	Paik NW, et al. "Worker Exposure to Asbestos During Removal of Sprayed Material and Renovation Activity in Buildings Containing Sprayed Material." American Industrial Hygiene Association Journal 44(6):428-432, 1983. [See B_3-file in docket 62044.]	
PInS	N-8	Sawyer RN. Asbestos Exposure in a Yale Building. Environmental Research 13:146-169, 1977. [See O-149 in docket 61004.]	205203
PInS	N-9	Sebastien P, et al. "Levels of Asbestos Air Pollution in some Environmental Situations." Annals of the New York Academy of Science. 330:401-415. 1979. [See O-155 in docket 61004.]	205187
EPA	N-10	Nicholson WJ. Asbestos Contamination of the Air in Public Buildings. EPA Contract #68-02-1346. October 1975. [See O-220 in docket 61004.]	205207
EPA	N-11	Sawyer RN, and Spooner CM. Sprayed Asbestos Containing Materials in Buldings: A Guidance Document. EPA-450/2-78-014. OPTS, USEPA. March 1978.	
PInS	N-12	Schirripa JT. Airborne Levels of Asbestos Fibers in General Occupancy Buildings and An Estimate of Carcinogenic Risk. Industrial Hygienics, Inc. Huntington, New York. [See O-153 in docket 61004.]	205187 1 of 4

Support References
B_3-File
Vol III-Appendix N

"Health Effects of Non-Occupational Asbestos Exposure"

EPA N-13 Constant PC, et al. OPTS, USEPA. July 8, 1982. [Not in the docket]

EPA N-14 Nicholson WJ, et al. "Environmental Asbestos Concentrations in the United States." In: Biological Effects of Mineral Fibers. Volume 2, IARC Scientific Publications No. 30. Lyon, France. [Not in this docket.]

PInS N-15 Nicholson WJ, et al. Control of Sprayed Asbestos Surfaces in School Buildings: A Feasibility Study. Mount Sinai School of Medicine, City University of New York, New York. June 1978. NIEHS, USDHEW Contract No. 1-ES-7-2113.

PInS N-16 Sebastien P, et al. "Indoor Airborne Asbestos Pollution: From The Ceiling and The Floor." Science. 216:1410-1413. 1982.

PInS N-17 Le Guen JM and Burdett G. "Asbestos Concentrations in Public Buildings--A Preliminary Report." Annals of Occupational Hygiene. 24:185-189. 1981.

PInS N-18 SRI. Monitoring for Airborne Asbestos Fibers: Vinyl Asbestos Floor Tile. Prepared for the Resilient Floor Covering Institute, Washington, D.C. SRI Project 7988. December 1979. **[Page 8 missing]**

PInS N-19 Meylan WM. Chemical Market Input/Output Analysis of Selected Chemical Substances to Access Sources of Environmental Contamination: Task III - Asbestos. EPA-500/6-78-005. August 1978. OTS, USEPA.

Support References
B_3-File
Vol III-Appendix N

"Health Effects of Non-Occupational Asbestos Exposure"

PInS N-20 Anderson PM, et al., Analysis of Fiber Release From Certain Asbestos Products. GCA Corporation. Report Number GCA-TR-82-53-G. USEPA Washington, D.C. 1983. [See B_5-3.]

PInS/ NIH N-21 Levine RJ. Asbestos: An Information Resource. NIH, NCI, USDHEW. DHEW Pub. #NIH 79-1681. Washington, D.C. 1978.

EPA N-22 Harwood CF. Characterization and Control of Asbestos Emissions from Open Sources. EPA 650/2-74-090. September 1974.

PInS N-23 Murchio JC. et al. Asbestos Fibers in Ambient Air of California. Air Resources Board. Sacramento, CA. March 1973.

NIH N-24 Asbestos: An Information Source. USDHEW. NIH Pub. #81-1681. August 1981.

NBS N-25 Bruckman L. A Study of Airborne Asbestos Fibers in Connecticut. National Bureau of Standards Special Publication Number 506. Proceedings of the Workshop on Asbestos: Definitions and Measurement Methods. Held at NBS, Gaithersburg, MD. July 1977.

PInS N-26 Ziskind R, et al. Study of Cancer Mortality in Chrysotile Asbestos Mining Counties. Contract #SAI-068-82-531. HERL, ORD, USEPA, RTP, NC. April 1982.

"Health Effects of Non-Occupational Asbestos Exposure"

PInS N-27 Muhlbaier JL and Williams RL. Characterization of Asbestos Emissions from Brakes. Pub. #GMR-3435. General Motors Research Labs, Warren, MI. 1980.

PInS N-28 Williams RL and Muhlbaier JL. Contribution of Brake Lining Wear to Urban Airborne Asbestos. Pub. #GMR-3422. GM. 1980.

PInS N-29 Williams RL and Muhlbaier JL. Gas and Particulate Emissions Rates from Asbestos Linings. Pub. #GMR-3434. GM. 1980.

LOC N-30 Williams RL and Muhlbaier JL. "Asbestos Brake Emissions." Environmental Research. 29:70-82. 1982.

PInS N-31 Lynch JR. "Brake Lining Decomposition Products." Journal of the Air Poll Cont Assn. 18(12):824-826. December 1968.

PInS N-32 Anderson AE et al. Asbestos Emissions from Brake Dynamometer Tests. Paper 730549. Presented at the SAE Automotive Engineering Meeting. Detroit, MI. 1973.

PInS N-33 Cha S et al. Simulation of Automobile Brake Wear Dynamics and Estimation of Emissions. SAE Technical Paper Series. Paper #831036. Passenger Car Meeting. Dearborn, MI. June 1983.

"Health Effects of Non-Occupational Asbestos Exposure"

PInS N-34 Jacko MG et al. Brake and Clutch Emissions Generated During Vehicle Operation. SAE Technical Paper Series. Paper #730548. Society of Automobile Engineers. New York, NY. 1973.

PInS N-35 Cha S and Carter P. Estimation of Urban Brake Emissions Through Simulation of Wear Dynamics. Report #TR-82-08. Northrop Services, Inc. RTP, NC. August 1982. Prepared under Contract No. 68-02-2566, ESRL, USEPA.

EPA N-36 Jacko MG and DuCharme RJ. Brake Emission: Emission Measurements from Brake and Clutch Linings from Selected Mobile Sources. NTIS Publication #PB-222372. 1973.

PInS N-37 Jacko MG et al. "How Much Asbestos Do Vehicles Emit?" Automotive Engineering. 81:38-40. 1973.

PInS N-38 Bingham TH et al. A Benefit-Cost Analysis of Asbestos Product Bans. (Draft). USEPA. 1983.

PInS N-39 Letter and attachment from E Fenner, Johns-Manville Corp to G Wood, EPA. Data from demolition studies conducted by Johns-Manville in Aston, PA in March 1971. June 19, 1973.

Support References
B_3-File
Vol III-Appendix N

"Health Effects of Non-Occupational Asbestos Exposure"

PInS N-40 Mirrick W. Evaluation of Encapsulants for Sprayed-on Asbestos-Containing Materials in Buildings. Battelle (no date).

PInS N-41 Welker RW. Evaluation of a Commercial Vacuum System for the Removal of Asbestos. EPA-600/2-80-088. ORD, USEPA. May 1980. [See O-240 in docket 61004.] 205212

PInS N-42 Evaluation of Asbestos Removal Technologies. Contract No. 68-02-3173. IER:. USEPA/RTP, NC. November 1981. CCD, OPTS, USEPA.

PInS N-43 Balzer JL and Cooper WC. "The Work Environment of Insulating Workers." American Industrial Hygiene Association Journal. 29:222-227. June 1968.

PInS N-44 Harries PG. "A Comparison of Mass and Fibre Concentrations of Asbestos Dust in Shipyard Insulation Processes." Annals of Occupational Hygiene. 14:235-240. 1971. [See O-70 in docket 61004.] 205184

PInS N-45 Letter from RA Mertz, NIOSH, USDHHS, to D Safer, Cleveland Wrecking Company. Worker asbestos exposure during boiler insulation removal work at Cincinnati Gas and Electric, Miami Fort Station. April 12, 1973.

"Health Effects of Non-Occupational Asbestos Exposure"

PInS N-46 Memo from A Lee, EPA, to the files. Demolition by explosives. January 8, 1974.

PInS N-47 Roberts DR. Industrial Hygiene Study of the Albee Theater Demolition. NIOSH, USDHEW. May 23, 1978.

PInS N-48 Letter with attachment from NW Paik, Clayton Environmental Consultants, Inc. to M Laney, RTI. Worker exposure to asbestos during removal of sprayed material and renovation activity in buildings containing sprayed materials. July 19, 1982.

PInS N-49 Wright, MD et al. Asbestos Dust--Technological Feasibility Assessment and Economic Impact Analysis of the Proposed Federal Occupational Standard. Prepared by the Research Triangle Institute for the OSHA, USDOL, RTP, NC. September 1978.

EPA N-50 USEPA. Background Information on National Emission Standards for Hazardous Air Pollutants - Proposed Amendments to Standards for Asbestos and Mercury. EPA-450/2-74-009a, OAQPS, RTP, NC. October 1974.

PInS N-51 Ruch RB and Serper A. Ambient Measurements of Asbestos in the Vicinity of Asbestos Sources. Conference Proceedings of the Joint Conference on Sensing Environmental Pollutants. 1978.

Support References
B_3-File
Vol III-Appendix N

"Health Effects of Non-Occupational Asbestos Exposure"

EPA N-52 Harwood CF and Ase PK. Field Testing of Emission Controls for Asbestos Manufacturing Waste Piles. EPA-600/2-77-098. USEPA. Cincinnati, OH. May 1977.

PInS N-53 Wright MD et al. Phase I Report--Regulatory Analysis of the Proposed OSHA Standard on Asbestos. Prepared for the OSHA. Contract Number J-9-F-4-0027. RTI. May 1984.

PInS N-54 Communication with F Block, Mobile Source Emissions Res Br, USEPA, RTP, NC, June 1, 1984.

PInS N-55 Committee on Nonoccupational Health Risks of Asbestiform Fibers, Board on Toxicology and Environmental Health Hazards, Commission on Life Sciences, NRC, NAS. Nonoccupational Health Risks of Asbestiform Fibers. National Academy Press. Washington, D.C. 1984. [See O-26.]

CD N-56 Bureau of Economic Analysis, USDOC. 1984 Statistical Abstract of the United States. Washington, D.C. 1984.

PInS N-57 Versar, Inc. Exposure Assessment for Asbestos. EPA Contract #68-01-6271. OPTS, USEPA. September 30, 1983. [See B_{1a}-3.]

Support References
B_3-File
Vol III-Appendix N

"Health Effects of Non-Occupational Asbestos Exposure"

PInS N-58 Krusell N et al. Aggregate Statistics from the Toxic Substances Control Act Asbestos Reporting Rule. Prepared for EPA by GCA Corporation. Bedford, MA. 1984. CBI version available only.

PInS N-59 Appendix A. From: RIA. "Asbestos Products and their Substitutes." See B_{1a}-4.

Support References
B_4-File

Asbestos Substitutes and Related Materials (April 24, 1985)
List of References

EXPLANATORY KEY/AVAILABILITY OF DOCUMENTS

SR = Secondary References in the text "as cited in _____".

PInS = Public Information Section, Public Docket Office for Toxic Substances, HQ USEPA. Rm G004 NE Mall, 401 M Street, SW, Washington, DC 20460. (202) 382-3604

CIC = Office of Toxic Substance Chemical Library, Chemical Information Center. HQ USEPA Rm B002 NE Mall, 401 M St SW, Washington DC 20460 (202) 382-3944.

ED_001470_00013167 ED_001470_00013168-00132

Support References
B_4-File

Fiche #

PInS-1. Alderson MR, Rattan NS. 1980. "Mortality of workers on an isopropyl alcohol plant and two MEK dewaxing plants." Brit. J. Ind. Med. 37: 85-89. As cited in JRB Associates 1984.

PInS-2. Altenkirch H, et al. 1982. "Potentiation of hexacarbon-neurotoxicity by methyl ethyl ketone (MEK) and other substances: clinical and experimental aspects." Neurobehav. Toxicol. Teratol. 4: 623-627. As cited in JRB Associates 1984. [See B_4-58,59.]

SR -3. Ampien S. 1983. US Bureau Mines, personal communication. As cited in NRC. 1984.

PInS-4. Artvinli and Baris. 1979. As cited Rom WN et al. 1983.

SR -5. BLS. 1984. Occupational injuries and illnesses in the United States by industry, 1984. Washington, DC: US Bureau of Labor Statistics, Bulletin 2196. As cited in JRB Associates 1985.

CIC -6. Balzer JL. 1976. Environmental data; airborne concentrations found in various operations. NIOSH symposium in occupational exposure to fibrous glass, Univ. Maryland, College Park, June 24-26, 1974. Washington, DC: NIOSH. DHEW Pub. 76-151. Pp. 76-151. As cited in NRC 1984.

Fiche #

PInS-7. Baris et al. 1979. As cited Rom, WN et al. 1980.

SR -8. *Baris et al. 1979. As cited Rom, WN et al. 1980.

PInS-9. *Baris et al. 1981. As cited Rom, WN et al. 1980.

SR -10. Barnhart et al. As cited in IARC 1979a.

SR -11. Beal. 1971. As cited in Doull J, et al. 1980.

SR -12. Begin R, Mosse S, Bureau MA. 1982. Morphologic features and function of the airways in early asbestosis in the sheep model. Am. Rev. Respir. Dis. 126: 870-876. As cited in National Research Council 1984.

SR -13. Berk PD, et al. 1976. Vinyl chloride-associated liver disease. Ann. Intern. Med. 84: 717-731. As cited in USEPA 1982.

---

*Note: There is no ROM, WN, et al dated 1980 in this listing. Author probably meant "1983". See B_4-126.

Fiche #

PInS-14. Bignon J, et al. 1980. Biological effects of attapulgite. In: Biological effects of mineral fibres. Wagner, J.C., ed. IARC Scientific Pub. No. 30. Vol. 1. Lyon, France: IARC, WHO. As cited in NRC, 1984.

PInS-15. Boman et al. 1982. As cited in Rom, WN et al. 1983.

SR -16. Boyd et al. 1970. As cited in Doull J et al. 1980.

PInS-17. Brain JD, Valberg PA. 1974. "Models of lung retention based on ICRP Task Group report." Arch. Environ. Health 28: 1-11.

SR -18. Braker W, Mossman AL. 1971. Matheson Gas Data Book, 5th Edition. East Rutherford, N.J.: Matheson Gas Products, pp. 561-564. As cited in USEPA 1982.

SR -19. Breitsman WJ. 1983. Carborundum Corp., personal communication. As cited in NRC 1984.

PInS-20. Brune H, Deutsch-Wenzel. 1983. Life span feeding study with attapulgite in mice (Unpublished report), Vertaginstitut des Beratungsforum fur Praventivmedizin and Umweltschutz GmbH.

SR -21. CRC Handbook of Chemistry and Physics. 1978, 1979. As cited in USEPA 1982.
See B4-155

Fiche #

SR -22. Chemical Week. 1983. "Early health warnings over exposure to zeolites." 133(5): 34.

SR -23. Cheimcal Week. 1984. "The urgent search for asbestos substitutes." 135: 54-56. As cited in JRB Associates 1985.

PInS-24. Cordasco EM, et al. 1980. "Pulmonary manifestations of vinyl and polyvinylchloride (interstitial lung disease)." Chest 78: 828-834. As cited in JRB Associates 1984.

CIC -25. Corn M. 1976. Sampling strategy, air sampling methods, analysis, and airborne concentrations of fibrous glass in selected manufacturing plants. NIOSH symposium on occupational exposure to fibrous glass. Univ. Maryland, College Park, June 24-26, 1974. Washington, DC: NIOSH. DHEW Pub. 76-151. Pp. 91-96. As cited in NRC 1984.

SR -26. Cornell JD. 1983. US Gypsum Corp., personal communication. 1983. As cited in NRC, 1984.

PInS-27. Davis, J.M.G., Addison, J., Bolton, R.E. et al. 1982. The pathogenic effects of fibrous ceramic aluminum silicate glass administered to rats by inhalation or peritoneal injection. Presented at the Occupational Health Conference on Biological Effects of Man-Made Mineral fibers, Copenhagen, April 20-22. WHO. (04/22/82):303-322

Fiche #

PInS-28. Davis JMG et al. 1978. "The importance of fibre mass and fibre number in the pathogenesis of asbestos related lung disease in rats." Br. J. Cancer 37: 673-685.

CIC -29. Doull J, Klaassen CD and Amdur MO eds. 1980. Casarett and Doull's toxicology. The basic science of poisons. Chapter 17: "Metals." 2nd ed. New York: MacMillan. 2nd ed.

CIC -30. Doull J, Klaassen CD, Amdur MO eds. 1980a. Casarett and Doull's toxicology. The basic science of poisons. Chapter 17: "Metals." 2nd ed. New York: MacMillan. p. 447.

SR -31. DuPont. 1984. Product literature for Kevlar aramid. As cited in JRB Associates 1985.

SR -32. Esmen NA. 1982. Short-term survey of airborne fibres in U.S. manufacturing plants. Presented at the Occupational Health Conference on Biological Effects of Man-Made Mineral Fibres, Copenhagen, April 20-22. WHO. As cited in NRC 1984.

PInS-33. Esman NA, et al. 1979. "Exposure of employees to man-made mineral fibers: ceramic fiber production." Environ. Res. 19:265-278. As cited in NRC 1984.

ED_001470_00013167 ED_001470_00013168-00137

Fiche #

PInS-34. Fevolden SE, Moller ME. 1978. "Lack of mutagenicity of extracts from polyethylene (PE) in strains of Salmonella typhimurium." Mutat. Res. 53: 186-187. As cited in NRC 1984.

PInS-35. Fowler DP. 1980. Industrial hygiene survey of occupational exposures to mineral wool. Cincinnati, OH: NIOSH, USDHHS. Contract 210-76-0120. As cited in NRC 1984.

PInS-36. Futagaki SK., et al. 1978. SRI International. Investigation of industries with agents which are merely suspected as occupational health hazards--Task I--Zeolite report. Unpublished report. Washington, DC: NIOSH, USDHEW. Contract 210-760162. 59 pages.

SR-37. Gamble J. 1984. Personal communication. As cited in National Research Council 1984.

PInS-38. Gamble J, et al. 1985. Environmental Epidemological Study of US Attapulgite Worker.

SR -39. Gardner LV. 1942. "Chrysotile asbestos as an indicator of subtle differences in animal tissues." Am. Rev. Tuberc. 45: 762. As cited in NRC 1984.

SR -40. Gordon and Meeks. As cited in IARC 1979a.

Fiche #

SR -41. Greengard and McEnery. 1968. As cited in Doull J et al. 1980.

SR -42. Gross, PRT., et al. 1970. "The pulmonary response to fibrous dust of diverse compositions." Am. Ind. Hyg. Assoc. J. 125:125-132. As cited in NRC 1984.

SR -43. Harben P. 1980. "What's new after asbestos?" Ind. Miner.: 51-57, September. As cited in NRC 1984.

SR -44. Hartung WJA. 1982. Technical history of MMMF. Presented at the Occupational Health Conference on Biological Effects of Man-Made Mineral Fibres, Copenhagen, April 20-22. WHO. As cited in NRC 1984.

SR -45. Health and Safety Commission. (UK) 1979. Man-made mineral fibres: report of a working party to the advisory committee on toxic substances. Her Majesty's Stationary Office, London, 36 pp. As cited in NRC 1984.

SR -46. Heath CW, et al. 1975. "Characteristics of cases of angiosarcoma of the liver among vinyl chloride workers in the United States." Ann. N.Y. Acad. Sci. 246: 231-236. As cited in IARC 1979a.

Fiche #

SR -47. Hercules, Inc. 1982a. PulpexTm polyolefin pulps. Application data. Bulletin LT-110A. Wilmington, DE: Hercules, Inc. As cited in JRB Associates 1985.

SR -48. Hercules, Inc. 1982b. PulpexTm polyolefin pulps. Summary of toxicological investigations. Bulletin LT-116. Wilmington, DE: Hercules, Inc. As cited in JRB Associates 1985.

PInS-49. Herrick RF, Chief, Industrial Hygiene Section, Industrywide Studies Branch, NIOSH. Letter to Dr. James N Rowe, March 15, 1984.

PInS-50. Herrick RF, Robinson C, 1981. Survey report on zeolite ore mining near Bowie, AZ. Report #111.10. Cincinnati, OH: NIOSH, USDHHS.31pp.

SR -51. Huggins, CW, et al. 1962. Properties of palygorskite, an asbestiform mineral. Report of investigation 6071. Washington, DC: USDOI Bureau of Mines, As cited in NRC 1984.

PInS-52. IARC. 1979a. IARC monographs on the evaluation of carcinogenic risk of chemicals to man. Vol. 19, Lyon, France. As cited in JRB Associates 1985. [See O-39.]

Fiche #

SR -53. IARC. 1979b. As cited in JRB Associates 1984 at B_4-58,59.

PInS-54. ICF Inc. May 23, 1984. Appendix H. Asbestos products and their substitutes. ETD, OPTS, USEPA. [See B_{1a}-4.]

PInS-55. IARC. 1979a. Some Monomer, Plastics and Synthetics, Elastomer and Acrolin." IARC monographs on the evaluation of carcinogenic risk of chemicals to man. Vol. 19. Lyon, France. 377-438, 402-408, 419, 420, 409-418.

SR -56. JRB Associates, Inc. 1980. Chapter IV. Health effects of methyl ethyl ketone. Final draft. Washington, DC: USEPA, OPTS Contract 68-01-4839. As cited in JRB Associates 1984.

SR -57. JRB Associates, Inc. 1981. Technical Support in the classification of toxic substances--fibrous glass industry. Vol. 1. Final report, OSHA, USDOL JRB Associates, Inc., McLean, VA. 184 pp. As cited in NRC 1984. See O-26.

SR -58. JRB Associates. January 24, 1984. Data summaries and hazard assessments of asbestos substitutes. Final report for mica, fibrous glass, mineral wool, aluminum oxide and polyvinylchloride. Submitted to OPTS, USEPA.

Fiche #

SR -59. JRB Associates. January 24, 1984a. Data summaries and hazard assessments of asbestos substitutes. Final report of mica, fibrous glass, mineral wool, aluminium oxide, and polyvinylchloride. Prepared for OPTS, USEPA. Pp. 5-29.

SR -60. PInS JRB Associates. January 11, 1985. Data summaries and health assessments of asbestos substitutes. Final report for aramid fibers, polytetrafluoroethylene, polyethylene, polypropylene, polyester, ductile iron pipe. Prepared for OPTS, USEPA. 78 pp. [See O-39.]

SR -61. PInS JRB Associates. January 11, 1985a. Data summaries and health assessments of asbestos substitutes. Final report for aramid fibers, polytetrafluoroethylene, polyethylene, polypropylene, polyester, ductile iron pipe. Prepared for OPTS, USEPA p. 14. [See O-39.]

SR -62. PInS JRB Associates. January 11, 1985b. Data summaries Sand health assessments of asbestos substitutes. Final report for aramid fibers, polytetrafluoroethylene, polyethylene, polypropylene, polyester, ductile iron pipe. Prepared for OPTS, USEPA p. 72. [See O-39.]

SR -63. Johnson, DJ, et al. 1969 "Exposure to fibers in the manufacture of fibrous glass." Ind. Hyg. Assoc. J. 30: 545-550. As cited in NRC 1984. [See O-26.]

ED_001470_00013167 ED_001470_00013168-00142

Fiche #

SR -64. Johnson DJ. 1982. "Structure and physical properties of carbon fibers." Chem. Ind.: 847-856, September 18. As cited in NRC 1984.

PInS-65. Katahira T, et al. 1982a. "Experimental studies on the toxicity of tetrahydrofuran administered to animals by repeated inhalation." Jpn. J. Industr. Health 24: 379-387 (Engl. Abstract). Also cited in JRB Associates 1984.

PInS-66. Katahira T, et al. 1982b. "Experimental studies on the acute toxicity of tetrahydrofuram in animals." Jpn. J. Industr. Health 24: 373-378 (Engl. Abstract). Also cited in JRB Associates 1984.

SR -67. Kear BH, Thompson ER. 1980. "Aircraft gas turbine materials and processes." Science 208: 847-856. As cited in NRC 1984.

PInS -68. Kirk-Othmer. 1980a. Encyclopedia of Chemical Technology, 3rd Edition, Vol. 2, p. 877. New York: John Wiley & Sons. As cited in NRC 1984.

PInS -69. Kirk-Othmer. 1980b. Encyclopedia of Chemical Technology. 3rd Edition, Volume 4, p. 622. New York: John Wiley and Sons, Inc.

Fiche #

PInS -70. Kirk-Othmer. 1980c. Encyclopedia of Chemical Technology. 3rd Edition, Volume 10, p. 160. New York: John Wiley and Sons, Inc.

PInS/ CIC -71. Kirk-Othmer. 1980d. Encyclopedia of Chemical Technology. 3rd Edition. Vol. 13, p. 787. New York: John Wiley and Sons.

PInS -72. Kirk-Othmer. 1982. Encyclopedia of Chemical Technology, 3rd Edition. Volume 19, p. 420. New York: John Wiley and Sons, Inc.

SR -73. Konzen JL. 1982. Production trends in fiber sizes of man-made mineral fiber (MMMF) insulation. Presented at the Occupational Health Conference on Biological Effects of Man-Made Mineral Fibres. Copenhagen, April 20-22. WHO As cited in NRC 1984.

PInS -74. Kuschner M, Wright GW. 1976. The effects of intratracheal instillation of glass fiber of varying size in guinea pigs. Proceedings of the symposium of the occupational exposure to fibrous glass. Pp. 151-168. Washington, DC: NIOSH, USDHEW. DHEW Pub. NIOSH 76-151. As cited in NRC 1984.

PInS -75. Lee KP, et al. 1979. "Pulmonary response to glass fiber by inhalation exposure." Lab. Invest. 40: 123-133. As cited in NRC 1984.

Fiche #

PInS -76. Lee KP, et al. 1981. "Comparative pulmonary responses to inhaled inorganic fibers with asbestos and fiber glass." Environ. Res. 24: 167-191. As cited in NRC 1984.

PInS -77. Lee KP, et al. 1983. "Pulmonary response to inhaled Kevlar aramid synthetic fibers in rats." Toxicol. Appl. Pharmacol. 71:242-253. As cited in JRB Associates 1985.

SR -78. Leinweber J. 1983. Manville Corp., personal communication. As cited in NRC 1984.

SR -79. Lillian et al. 1975. IARC 1979.

PInS -80. Lipkin LE. (1980a) Letter to Professor H Tuchmann-Duplessis, Faculte de Medicine, 45, me St. Peres, Paris 6e, France. August 6, 1980a. NCI, NIH, PHS, USDHEW.

PInS -81. Lipkin LE. 1980b. "Cellular aspects of asbestos and other fibers: correlation with in vivo induction of pleural sarcoma." Environ. Health Perspec. 34: 91-102. Feb. 1980.

Fiche #

PInS -82. MB Research Laboratories, Inc. 1980. Twenty-one month observation after single intratracheal insufflation. Final report, Vol. 2 and Vol. 3. MB Project No. 78-206. Hercules Project No. 77-45. Submitted to R Waritz, Hercules, Inc., Wilmington, DE by MB Research Labs Inc., Spinnerstown, PA. As cited in JRB Associates 1985.

SR -83. MacBain G and Strange RC. 1983. In: Parmengianni, L. (ed.). Encyclopedia of Occupational Health and Safety. Vol. 2, 3rd ed. International Labour Organization, Geneva, Switzerland. Pp. 916-923. As cited in JRB Associates 1985.

PInS -84. Maltoni C, et al. 1982. "Pleural mesotheliomas in Sprague-Dawley rats by erionite: first experimental evidence." Environ. Res. 29: 238-244.

PInS -85. Mastrangelo G et al. 1979. "Polyvinylchloride pneumoconiosis: epidemiological study of exposed workers." Ital. J. Gastro. 21: 540-542. As cited in JRB Associates 1984.

SR -86. Mattiussi L, Armeli G. 1983. "Polypropylene fibers." In: Parmegianni, L. (ed.). Encyclopedia of Occupational Health and Safety. Vol. 2, 3rd revised ed. Geneva, Switzerland: International Labour Organization. As cited in JRB Associates 1985.

Fiche #

SR -87. Milby. 1977. As cited in IARC 1979.

SR -88. Millette JR, et al. 1979b. "Chrysotile, palygorskite, and halloysite in drinking water." Scanning Electron. Microsc. 1: 579-586. As cited in NRC 1984.

PInS -89. Moatamed F, et al. 1981. "Early response to injected fibrous erionite in the mouse peritoneum and rat lung." Amer. Rev. Respir. Dis. 123: 144 (abstract).

SR -90. Montgomery RR. 1982. "Polymers." In: Patty's Industrial Hygiene and Toxicology, Clayton G.D., Clayton F.E. eds., 3rd ed. V2. Pp. 4209-4526. New York: John Wiley and Sons, Inc. As cited in JRB Associates 1985.

PInS -91. Moorman WJ. A chronic inhalation toxicology study in monkeys and rats exposed to fibrous glass (in press). Battelle Columbus Labs, USDHHS. Contract No. 210-78-0037. Washington, DC: NIOSH. As cited in NRC 1984.

SR -92. Mumpton. 1979. As cited in Rom, WN et al. 1983.

SR -93. National Academy of Sciences. 1977. Drinking water and Health, Vol. 5. Washington, DC: National Academy Press. As cited in USEPA 1982.

Fiche #

PInS-94. National Cancer Institute, USHEW 1979. NCI Executive Summary of Chemical Selection Data. Tetrahydrofuran. As cited in JRB Associates 1984.

SR -95. National Field Investigations Center. 1974. As cited in IARC 1979a. **SEE B4-55**

SR -96. NRC, NAS 1984a. Board of Toxicology and Environmental Health Hazards. A report of the committee on nonoccupational health risks of asbestiform fibers, commission on life sciences. Washington, DC: National Academy Press. [See O-26.]

SR -97. NRC, NAS. 1984b. p. 70. From above Report. [See O-26.]

SR -98. NRC. 1984c. p. 71. From above Report. [See O-26.]

SR -99. NRC. 1984d. p. 72. From above Report. [See O-26.]

SR -100. NRC. 1984e. 73. From above Report. [See O-26.]

SR -101. NRC. 1984f. p. 74. From above Report. [See O-26.]

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Fiche #

SR -102. NRC. 1984g. p. 76. From above Report. [See O-26.]

SR -103. NRC. 1984h. p. 167. From above Report. [See O-26.]

SR -104. NRC. 1984i. p. 182. From above Report. [See O-26.]

PInS-105. Nicholson WJ, et al. 1982. Occupational hazards of Vinyl Chloride and Stylene. In: Lectures presented at a course on occupational hazards of plastics and synthetic elastomers. Institute for Occupational Health, Helsinki, Finland. November 22-27, 1982.

PInS-106. Okashi Y, et al. 1982. "Effects of short-term exposure to tetrahydrofuran on rabbit nasal mucous membranes." Sumitomo Bull. Ind. Health 18: 89-93 (Engl. abstract). As cited in JRB Associates 1984.

SR-107. OSHA. 1974. As cited in IARC 1979a.

Fiche #

PInS
SR -108. *Ottery J, Dodgson J, Hairison G. 1982. A summary report on environmental conditions at 13 European man-made mineral fibre plants. Report No. TW/82/Draft. Institute for Occupational Medicine, Edinburg. As cited in NRC 1984. [Report actually on file is an update entitled An Historical Environmental Investigation at 13 European Man-Made Mineral Fibre Production Plants. Oct. 19.]

SR -109. Physicians' Desk Reference. 1983. Physicans' Desk Reference for Nonprescription Drugs, Fourth Edition. Oradell, NJ: Medical Economic Co., Inc. 804 pp. As cited in NRC 1984.

PInS-110. Pigott, GH, Ishmael J. 1979. "A comparison between in vitro toxicity of PVC powders and their tissue reactions in vivo." Ann. Occup. Hyg. 22: 111-126. As cited in JRB Associates 1984.

SR -111. Pooley. 1979. As cited in Rom WN et al. 1983.

PInS-112. Pott F. 1978. "Some aspects on the dosimetry of the carcinogenic potency of asbestos and other fibrous dusts." Staub. Reinhold. Luft. 38: 486-490. [Best Copy Available].

---

*Ottery J., not the author of this document.

ED_001470_00013167 ED_001470_00013168-00150

Fiche #

PInS-113. Pott F et al. 1974. Tumorigenic effect of fibrous dusts in experimental animals. "Environ. Health Perspect. 9: 313-315. As cited in NRC 1984.

PInS-114. Pott F et al. 1976. Results of animal carcinogenesis studies after application of fibrous glass and their implications regarding human exposure. Proceedings of the Symposium on Occupational Exposure to Fibrous Glass. Pp. 183-191. Washington, DC: NIOS DHEW Pub. NIOSH 76-151. USDHEW.

PInS-115. Pott F et al. 1985. Animal experiments with chemically treated fibres. Presented at Sixth International Symposium on Inhaled Particles in September 1985 (unpublished abstract).

SR -116. Preston J. 1978. Aramid fibers. In: Encyclopedia of Chemical Technology, Vol. 3. New York: John Wiley and Sons, Inc. Pp. 213-242. As cited in JRB Associates 1985.

PInS-117. Pundsack FL. 1976. Fibrous glass--manufacture, use, and physical properties. Proceedings of the Symposium on Occupational Exposure to Fibrous Glass. Pp. 11-18. Cincinnati, OH: NIOSH, USDHEW DHEW Pub. 76-151.

SR -118. RTECS. 1983. Registry of the toxic effects of chemical substances. Data base. As cited in JRB Associates 1984.

Fiche #

SR -119. Rabinozitz. 1984. NIOSH, Cincinnati, OH. Personal communication. As cited in JRB Associates 1985.

SR -120. Rave T. 1982. "Pulp synthetic." In: Kirk-Othmer Encyclopedia of Chemical Technology. 3rd ed., Vol. 19. New York: John Wiley and Sons, Inc. As cited in JRB Associates 1985.

PInS-121. Reinhardt CF. 1980. Toxicology of aramid fibers. In: Proceedings of the National Workshop on Substitutes for Asbestos. Washington, DC: OPTS, USEPA. As cited in JRB Associates 1985.

PInS-122. Reinhardt CF. 1985. DuPont 8EHQ-0485-0550-88-8500746. PDD-T. Aramid Fiber Using Sprague-Dawley Rats. Submitted to OTS, USEPA. [2 documents].

PInS-123. Richards RJ, et al. 1981. "Effects in the rat of inhaling PVC dust at the nuisance dust level (10 mg/m^3)." Arch. Environ. Health 36: 14-19. As cited in JRB Associates 1984.

SR -124. Robinson HE, et al. 1982. "The effects of fumes from the thermal degradation of polythene on health." Ann. Occup. Hyg. 25: 291-298. As cited in JRB Associates 1985.

Fiche #

SR -125. Rohl et al. 1982. As cited in Rom, W.N. et al. 1983.

PInS-126. Rom WN, et al. 1983. "Health implications of natural fibrous zeolites for the intermountain West." Environ. Res. 30: 1-8.

PInS-127. Saxena J. Oct. 30, 1981. Memorandum from J Saxena to Joseph Cotruvo regarding briefing on the Society of Plastic Industry Report entitled, "Discussion on Environmental Considerations Related to the Use of Plastic Pipe Systems--Vols. I and II." USEPA, ODW.

SR -128. Schepers GWH 1959. "Pulmonary histologic reactions to inhaled fiberglass-plastic dust." Am. J. Pathol. 35: 1169-1187. As cited in NRC 1984.

SR -129. Schepers GWH, et al. 1958. "The biological action of fiberglass-plastic dust." Arch. Ind. Health 18: 34-56. As cited in NRC 1984.

PInS-130. Schnoy N, Schmidt, R. 1982. "Electron microscopy of rat lung epithelium after inhalation of solvents (n-hexane, methyl ethyl ketone)." Atemwegs-Lungenkrankh. 8: 170-172 (English summary). As cited in JRB Associates 1984.

SR -131. Sebastien et al. 1981. As cited in IARC 1979.

Fiche #

SR -132. Shannon HS, 1982. Mortality experience of glass-fibre workers. Presented at the Occupational Health Conference on the Biological Effects of Man-Made Mineral Fibres. Copenhagen, April 20-22. WHO. As cited in NRC 1984.

PInS-133. Simonds RA. and Warden JL. 1980. "Substitutes for asbestos-cement pipe." In: Proceedings of the National Workshop on Substitutes for Asbestos. Washington, DC: USEPA EPA 560/3-80-001. As cited in JRB Associates 1985. See **Missing**

PInS-134. Smith HV. 1976. History, processes, and operations in the manufacturing and uses of fibrous glass--one company's experience. Proceedings of a Symposium on Occupational Exposure to Fibrous Glass. Pub. No. 76-151. Cincinnati, OH: NIOSH, DHEW Pub. 76-151. Pp. 19-26.

PInS-135. Smith WE, et al. 1980. "Dimensions of fibres in relation to biological activity." Pp. 357-360. In: Biological Effects of Mineral Fibres. JC Wagner, ed. IARC Sci. Publ. No. 30., Lyon, France.

PInS-136. Soutar CA, et al. 1980. "Epidemiologial study of respiratory disease in workers exposed to polyvinylchloride dust." Thorax 35:644-652. As cited in JRB Associates 1984.

ED_001470_00013167 ED_001470_00013168-00154

Fiche #

PInS-137. Stanton MF, et al. 1981. "Relation of particle dimension to carcinogenicity in amphibole asbestos and other fibrous minerals." J. Natl. Can. Inst. 67: 165-175.

SR -138. Stokinger. 1963. As cited in Doull, J. et al. 1980.

PInS-139. Styles JA, Wilson J. 1973. "Comparison between in vitro toxicity of polymer and mineral dusts and their fibrogenicity." Ann. Occup. Hyg. 16: 241-250. As cited in JRB Associates 1984.

SR/ PInS-140. Suskov II., Sazonova LA. 1982. "Cytogenetic effects of epoxy, phenolformaldehyde, and polyvinylchloride resins in man." Mutat. Res. 104: 137-140. As cited in JRB Associates 1984.

PInS-141. Suzuki Y. 1982. "Carcinogenic and fibrogenic effects of zeolites:" preliminary observations. Environ. Res. 27: 433-445.

SR -142. TDB. 1983. Toxicology Data Base. As cited in JRB Associates 1984.

Fiche #

PInS-143. Takeuchi Y, et al. 1983. "An experimental study of the combined effects of n-hexane and methyl ethyl ketone." Brit. J. Ind. Med. 40: 199-203. As cited in JRB Associates 1984.

PInS-144. Timar M, et al. 1966. "Experimental observations concerning the effects of mineral dusts to pulmonary tissues." Med. Lav. 57: 1-9.

PInS/
LOC -145. Timbrell V. 1972. In: "Assessment of airborne particles." Mercer, T.T., Morrow, D.E., Stober, W., eds. Proc. third Rochester international conference on environmental toxicity. Chapter 22, pps. 429-442.

PInS-146. Timbrell V. 1973. "Physical factors in etiological mechanisms." In: Biological effects of asbestos. Bogovski P, et al. eds. IARC Scientific Pub. 8, pp. 295-303.

PInS-147. Timbrell V. 1980. "Measurement of fibres in human lung tissue." In: Biological effects of mineral fibers. Wagner JC, ed. IARC, Lyon, pp. 113-126.

PInS-148. Turner HM and Grace HG. 1938. "An investigation into cancer mortality among males in certain Sheffield trades." J. Hyg. (Lond.) 38: 90-103.

Fiche #

SR -149. US Bureau of Mines. 1982. Minerals Yearbook. 1981. Volume I. USDOI. As cited in NRC 1984.

SR -150. US Bureau of Mines. 1983. Asbestos. Preprint from the 1982 Minerals Yearbook. USDOI. As cited in NRC 1984.

SR -151. USEPA. 1975b. As cited in IARC 1979.

SR -152. USEPA. 1976. As cited in IARC 1979a.

SR -153. USEPA. 1974. Preliminary assessment of the environmental problems associated with vinyl chloride and polyvinyl chloride (appendices). Report on the activities and findings of the vinyl chloride task force. EPA 560/4-74-001 (PB-39110). 106 pp. As cited in USEPA 1982.

PInS-154. USEPA. 1979. Interagency Testing Committee; Receipt of Fourth Report and Request for Comments. 44 FR: 31866-31887. As cited in JRB Associates 1984.

PInS-155. USEPA. 1982a. Criteria document for vinyl chloride. Final Draft. USEPA, ODW.

SR -156. USEPA. 1982b. Criteria document for vinyl chloride. Final Draft. USEPA, ODW p. I-1.

Fiche #

SR -157. USEPA. 1982c. Criteria document for vinyl chloride. Final Draft. USEPA, ODW p. V-3.

PInS-158. USEPA. 1982d. "Methyl isobutyl ketone and methyl ethyl ketone; response to the Interagency Testing Committee." FR 47: 58025-58029. As cited in JRB Associates 1984.

PInS-159. USEPA. 1984. Appendix H. Asbestos products and their substitutes. Regulatory impact analysis of controls on asbestos and asbestos products. Draft report. OPTS. As cited in JRB Associates 1985. See B_{1a}-4.

SR -160. USITC. As cited in USEPA 1982.

SR -161. Vorwald AJ, et al. 1951. "Experimental studies of asbestosis." Arch. Ind. Hyg. Occup. Med. 3: 1-83. As cited in NRC 1984.

SR -162. Wagman J, et al. 1979. Dusts and residues from machining and incinerating graphite/epoxy composites: a preliminary study. RTP ESRL USEPA, EPA-600/2-79-196, 24 pp. As cited in NRC 1984.

PInS-163. Wagner JC et al. 1973. "Mesotheliomata in rats after inoculation with asbestos and other materials." Br. J. Cancer 28: 173-185.

ED_001470_00013167 ED_001470_00013168-00158

Fiche #

PInS-164. Wagner JC. "Health hazards of substitutes." Proceedings: World Symposium on Asbestos, May 24-27, 1982. Montreal, Quebec, Canada.

SR -165. Watts AA, ed. 1980. Commercial opportunities for advanced composites. ASTM Special Technical Publication 704. Philadelphia, PA: American Society for Testing and Materials. As cited in NRC 1984.

PInS-166. Waxiveiler RJ, et al. 1985. Cancer mortality among persons mining and milling attapulgite clay fibers. To be presented at Sixth International Symposium on Inhaled Particles in September, 1985 (unpublished abstract).

SR -167. Waxweiler, R. 1984. Personal communication. As cited in NRC, 1984.

SR -168. Windholz, M. (ed.). 1976. The Merck Index. 9th ed. Rahway, NJ: Merck and Co. As cited in JRB Associates 1984.

PInS-169. Woodworth DC et al. 1983. "Induction of squamous metaplasia in organ cultures of hamster trachea by naturally occurring and synthetic fibers." Can. Res. 43: 4906-4912.

Fiche #

PInS-170. Wright WW et al. 1983. "Characterization of zeolite fiber sizes using scanning electron microscopy." Arch. Environ. Health 38: 99-103.

SR -171. Zoltai T and Stout JH. 1984. Mineralogy: concepts and principles. Minneapolis, MN: Burgess. As cited in NRC 1984.

PInS-172. Zumwalde R. 1979. Industrial hygiene study of the Engelhard Minerals and Chemicals Corporation. NIOSH, USDHEW. April 29, 1977.

Support References
B_5-File

Exposure Assessment for Asbestos. Draft Final Report.
(January 9, 1984). List of References

EXPLANATORY KEY/AVAILABILITY OF REFERENCES

Unless otherwise indicated, all materials are available at Public Information Section (PInS), Public Docket Office for Toxic Substances, HQ USEPA, RM G004 NE Mall. 401 M Street, SW, Washington, DC 20460. (202) 382-3604.

EPA = HQ USEPA Main Library, 401 M St, SW, Washington, DC 20460
RM M2904, (202) 382-5921.
LOC = Library of Congress (202) 287-5000
AMC = American Mining Congress Library

ED_001470_00013167 ED_001470_00013168-00161

Support References
B_5-File

Fiche #

B_5-1. Adkins LC et al. 1983. Excerpts from: Methods for assessing exposure to chemical substances. Vol. 3. Methods for assessing exposure from disposal of chemical substances. (September 1983). EPA 550/5-83-016. EED, OPTS, USEPA.

B_5-2. Anderson D et al. 1983. Asbestos industry profile, trends and outlook, and substitute products analysis. Draft Report. ETD, OPTS, USEPA. Prepared by RTI. (April 1983)

B_5-3. Anderson PH et al. 1982. GCA Corp. Analysis of fiber release from certain asbestos products. Draft summary report task 1. OPTS, USEPA. Contract No. 68-01-5960.

B_5-4. Anhaeusser CR. 1976. "The nature of chrysotile asbestos occurrences in Southern Africa: a review." Econ. Geol. 71:96-115. (Fiche).

B_5-5. Archer SR, Blackwood TR. 1977. Monsanto Research Corp. Status assessment of toxic chemicals: Asbestos. Cincinnati, OH: IERL, ORD. USEPA. Contract No. 68-03-2550. (November 1977).

B_5-6. Ashcroft T, Heppleston AG. 1973. "The optical and electron microscopic determination of pulmonary asbestos fibre concentration and its relation to the human pathological reaction." J. Clin. Path. 26:224-234.

Fiche #

B_5-7. Battelle. 1972. Development of a rapid survey method of sampling and analysis for asbestos in ambient air. Final Report. Research Triangle Park, NC: Division of Atmospheric Surveillance, USEPA. (February 29, 1972):41pp.

B_5-8. Beaman DR, Fine DM. 1976. "Quantitative determination of asbestos fiber concentrations." Anal. Chem. 48(1):101-110.

B_5-9. Beckett ST. 1980. "The effects of sampling practice on the measured concentration of airborne asbestos." Ann. Occup. Hyg. 23:259-272.

B_5-10. Bradfield REN. 1977. Asbestos: review of uses, health effects, measurement, and control. Atkins Research and Development. Surrey, England:4pp.

B_5-11. Bradow RL. 1980. "Diesel particle emissions." Bull. N.Y. Acad. Med. 56(9):797-811.

B_5-12. Bronstein MA et al. 1978. Asbestos in the ore and coal mining industries. Calspan Rpt. No. Nd-5782-M-111.

B_5-13. Bruckman L, Rubino RA. 1977. Monitored Asbestos concentrations in Connecticut. Paper # 77-48-5. Presented at the 70th annual meeting of the Air Pollution Control Association, Toronto, Ontario, Canada. June 20-24.

Fiche #

B_5-14. Bureau of the Census. 1972. 1970 census of population, Vol. I, Part A, number of inhabitants, sec. 1 and 2. Stock No. 0301-3466. 1p. Washington, DC: USDOC..

B_5-15. Bureau of the Census. 1979. Statistical abstract of the United States. USDOC. Cross-referenced to R-117(?) not in this docket (62036).

B_5-16. Bureau of the Census. 1981. Statistical abstract of the United States. 1980. 410-421. USDOC.

B_5-17. Bureau of Mines. 1972. "Asbestos." Preprint from the 1972 Bureau of Mines Mineral Yearbook. USDOI.

B_5-18. Bureau of Mines. 1976. "Asbestos." Mineral Yearbook 1975. USDOI

B_5-19. Campbell WJ et al. 1977. Selected silicate minerals and their asbestiform characterizations. Bureau of Mines Information Circulars 8751. Bureau of the Mines, USDOI.

B_5-20. Carter LJ. 1977. "Trouble in the air from Maryland rock quarry." Science 197(4300):237-240.

B_5-21. Carton RJ. 1974. Development document for effluent limitation guidelines, building, construction, and paper segment of the asbestos manufacturing point source category. Effluent Guidelines Div. OAWP. EPA-440/1-74-017a. USEPA. PB_5-238-320.

Fiche #

B_5-22. Castleman B. 1980. Excerpts from the Mt. Sinai asbestos seminar in a letter to Dr. Robert Carton, OTS,USEPA.

B_5-23. Cha S, Carter P. 1982. Northrop Services Inc. Estimation of urban automobile brake emissions through simulation of wear dynamics. Research Triangle Park, NC. Contract No. 68-02-2566.

B_5-24. Chidester AH, Shride AF. 1962. Asbestos in the United States. 1-4, 7. USGS, USDOI. To accompany Map MR-17.

B_5-25. Chidester AH, et al. 1978. Petrology, structure, and genesis of the asbestos-bearing ultramafic rocks of the Belvidere Mountain area in Vermont. USDOI. Geological Survey Professional Paper No. 1016.

B_5-26. Chowdhury S. 1975. "Kinetics of leaching of asbestos minerals at body temperature." J. Appl. Chem. Biotechnol. 25:347-353.

B_5-27. Churg A, Warnock ML. 1977. "Analysis of the cores of ferruginous (asbestos) bodies from the general population." Lab. Invest. 37(3):280-286.

B_5-28. Churg A, Warnock ML. 1980. "Asbestos fibers in the general population." Am. Rev. Respir. Dis. 122:669-678.

B_5-29. Cogley D et al. 1982. GCA Corp. Life cycle of asbestos in commercial and industrial use including estimates of releases to air, water and land. Final inhouse report. OPTS, USEPA. Contract No. 68-02-3168.

B_5-30. Cook PM et al. 1974. "Asbestiform amphibole minerals: detection and measurement of high concentrations in municipal water supplies.: Science 185:853-855.

Fiche #

B_5-31. Cook PM. 1973. Distribution of taconite tailings in Lake Superior water and public water supplies. Duluth, MN: USEPA National Water Quality Laboratory. Second progress report, July 1973.

B_5-32. Cooper RC, Murchio JCM. 1974. Preliminary studies of asbestiform fibers in domestic water supplies. Wright-Patterson AFB, OH: Aerospace Med Res Lab. Report No. AMRL-TR-74-125-Paper-5. **NOT AVAILABLE**

B_5-33. Cooper WC et al. 1979. "Chrysotile asbestos in a California recreational area." Science 206:685-688.

B_5-34. Cunningham HM, Pontefract R. 1971. "Asbestos fibers in beverages and drinking water." Nature 232:332-333.

B_5-35. Daly AR et al. 1976. Roy F. Weston. Technological feasibility and economic impact of OSHA proposed revision to the asbestos standard. Washington, D.C.: Asbestos Information Association/North America.

B_5-36. Deer WA et al. 1963. Rock forming minerals. Vol. 2: Chain Silicates. 235-262. London: Longman, Green and Co. Ltd.

B_5-37. Dement JC et al. 1975. "Asbestos fiber exposure in a hard rock gold mine." Ann. N.Y. Acad. Sci. 271:345-352. Reprint.

B_5-38. Dement JR, Harris RL. 1979. Estimates of pulmonary and gastrointestional deposition for occupational fiber exposures. Cincinnati, OH: NIOSH, USDHEW. Contract No. 78-2438. (missing)

B_5-39. Dinger CA et al. 1974. Review of the environmental effects of asbestos. Oak Ridge, TN: Oak Ridge National Laboratory. 95-99. ORNL-EPA-17. ORD, NERC, USEPA.

ED_001470_00013167 ED_001470_00013168-00166

Fiche #

B_5-40. Dixon DA et al. 1983. Methods for assessing exposure to chemical substances. Vol. 9. Methods for enumerating and characterizing populations exposed to chemical substances. EED, OPTS, USEPA. EPA 560/5-83-022.

B_5-41. EIS. 1980. Economic Information system data retrieval, August 1980. **NOT AVAILABLE**

B_5-41a. EIS. 1980. SIC 2661. Building Paper and Board Mills.

B_5-41b. EIS. 1980. SIC 3292. Asbestos Products.

B_5-41c. EIS. 1980. SIC 3293. Gaskets, Packings and Seals.

AMC B_5-42. Engineering and Mining Journal. 1982. International Directory of Mining. New York: McGraw-Hill Publications.

B_5-43. Equitable Environmental Health. 1977. Dust exposures during the cutting and machining of asbestos/cement pipe. Additional studies. Arlington, VA: A/C Pipe Producers Association.

B_5-44. Fondimare A, Desbordes J. 1974. "Asbestos bodies and fibers in lung tissues." Environ. Health Persp. 9:147-148.

B_5-45. Fowler DP. 1977. SRI International. Disposals and emissions of asbestos in the United States. Unpublished draft report.

B_5-46. Freed JR et al. 1983. Methods for assessing exposure to chemical substances. Vol. 2. Methods for assessing exposure to chemical substances in the ambient environment. EPA 560/5-83-015, EED, OPTS, USEPA.

Fiche #

B_5-47. Galli AA. 1982 (Dec. 6). Energy and Air Division, ORD, USEPA. Review of OECD technical documents. Intra-agency memorandum to addressees.

B_5-48. Gary M et al. 1982. Glossary of geology. Washington, DC: American Geological Institute.

B_5-49. GEMS. 1983. Graphical Exposure Modeling System Retrieval of 1980 Census data.

B_5-50. Gibbs GW, Huang CY. 1975. "Physical parameters of airborne asbestos fibres in various work environments. Preliminary findings." J. Amer. Indust. Hyg. Assoc. 36:459-466.

B_5-51. Gibbs GW. 1975. "Fiber release from asbestos garments." Ann. Occup. Hyg. 18:143-149.

B_5-52. Great Lakes Research Advisory Board. 1975. Asbestos in the Great Lakes. Duluth, MN.

B_5-53. Gregg RT. 1974. Development document of effluent limitations guidelines and new source performance standards for the textile, friction materials and sealing devices segment of the asbestos manufacturing point source category. EPA 440/1-74-035a. OWHM, EGD, USEPA.

B_5-54. Hallenbeck WH et al. 1977. Asbestos in potable water. Urbana, IL: Water Resources Center, University of Illinois. WRC Research Report No. 118.

B_5-55. Hallenbeck WH et al. 1978. "Is chrysotile asbestos released from asbestos-cement pipe into drinking water?" J. AWWA (Feb.):97-102.

ED_001470_00013167 ED_001470_00013168-00168

Fiche #

B_5-56. Hammad YY et al. 1979. "Evaluation of dust exposure in asbestos cement manufacturing operations." J. Amer. Indust. Hyg. Assoc. 40:490-495.

B_5-57. Harries PG. 1971. "Asbestos dust concentration in ship repairing." Ann. Occup. Hyg. 14:241-254.

B_5-58. Harwood CF, Ase PK. 1977. Field testing of emission controls for asbestos manufacturing waste piles USEPA. Contract No. 68-02-1872.

B_5-59. Harwood CF, Blaszak TP. 1974. IITRI. Characterization and control of asbestos emissions from open sources. USEPA. EPA-650/2-74-090, PB_5-238 925.

B_5-60. Harwood CF et al. 1974. IITRI. Assessment of particle control technology for enclosed asbestos sources. ORD, USEPA. EPA-650/2-74-088, PB_5-239 926.

B_5-61. Heffelfinger RE et al. 1972. Development of a rapid survey method of sampling and analysis in ambient air. Research Triangle Park, NC: USEPA. Contract No. CPA 22-69-110. See B_5-7.

B_5-62. Hesse CS et al. 1977. "Determination of chrysotile asbestos in rainwater." Atmospheric Environment 11:1233-1237.

B_5-63. Hodgson AA. 1965. Fibrous silicates. London: Royal Institute of Chemistry. Lecture Series No. 4.

B_5-64. Hodgson AA. 1977. "Nature and paragenesis of asbestos minerals." Phil. Trans. R. Soc. Lond. A 286:611-624.

Fiche #

B_5-65. Hodgson AA. 1979. "Chemistry and physics of asbestos." In: Michaels, L., Chissick, S.S. Asbestos. Vol. 1 Properties, applications, and hazards. New York: John Wiley and Sons.

B_5-66. Hostetler PB, Christ CL. 1968. "Studies in the system M_gO-SiO_2-CO_2-H_2O(I): The activity product constant of chrysotile." Geochem. Cosmochim. Acta. 32:485-497.

B_5-67. Hurlbut CS. Dana's Manual of mineralogy. 18th edition. New York: Wiley-Interscience.

B_5-68. Jacko MG, DuCharme RT. 1973. Bendix Research Laboratory. Brake emissions: emission measurements from brake and clutch linings from selected mobile sources. Ann Arbor, MI: OAWP. USEPA PB_5-222 372.

B_5-69. Johns-Manville. 1979. Health, safety, and environment. Asbestos hairdryer emissions. Denver, CO.

B_5-70. Johns-Manville. 1980. Health and safety facts. Mechanical packings and gasket materials containing asbestos fiber.

B_5-71. Johns-Manville. 1983. Submission to EPA pursuant to 40 CFR, Part 716. Jan. 17, 1983. [Mortality study of current and former workers at an asbestos using manufacturing facility]. Health and Safety Study DCN 87-8210078.

B_5-72. Kearney Inc. 1978. Review of asbestos use in consumer products. Final Report. Washington, D.C.: USCPSC. Economic Analysis.

B_5-73. Kleinfeld M et al. 1973. "A study of workers exposed to asbestiform minerals in commercial talc manufacture." Environ. Res. 6:132-143.

ED_001470_00013167 ED_001470_00013168-00170

Fiche #

B_5-74. Kramer JR et al. 1974. Asbestos in the environment. Burlington, Ontario: Research Advisory Board and International Joint Commissions.

B_5-75. Kramer JR. 1976. "Fibrous cummingtonite in Lake Superior." Can. Mineral. 14:91-98.

B_5-76. Kuryvial RJ et al. 1974. Battelle Columbus Labs. Identification and assessment of asbestos emissions from incidental sources of asbestos. NERC, ORD, USEPA. EPA-650/2-74-087. PB_5-241-999.

B_5-77. Laamanen A et al. 1965. "Observations on atmospheric air pollution caused by asbestos." Ann. New York Acad. Sci. 132:240-254. [Best Copy Available].

B_5-78. Langer AM et al. 1973. "Identification of asbestos in human tissues." J. Occup. Med. 15:287-293.

B_5-79. Langer AM et al. 1974. "Electron microscopical investigation of asbestos fibers." Environ. Health Persp. 9:63-80.

B_5-80. Langer AM et al. 1972. "Chemical characterization of asbestos body cores by electron microprobe analysis." J. Biochem. Cytochem. 20:735-740.

B_5-81. Langer AM et al. 1971. "Chrysotile asbestos in the lungs of persons in New York City." Arch. Environ. Health 22:348-361.

B_5-82. Lawrence G et al. 1975. "Removal of asbestos fibers from potable water by coagulation and filtration." Water Res. 9:397-400. [Best Copy Available].

B_5-83. Lawrence G, Zimmerman HW. 1977. "Asbestos in water: mining and processing effluent treatment." J. Water Pollution Control. Fed. 49:156-160.

ED_001470_00013167 ED_001470_00013168-00171

Fiche #

B_5-84. Lee BS et al. 1978. Asbestos dust study part III. Vol. III of Wright et al. Research Triangle Park, NC. See B_5-140.

B_5-85. Levine RJ. 1978. Asbestos: an information resource. Bethesda, MD: NCI, USDHEW. DHEW Pub. No. (NIH) 79-1681.

B_5-86. Lewis BAG. 1977. Asbestos in cooling-tower waters. Argonne, IL: Argonne National Lab. ANL/ES-63. USNRC.

B_5-87. Liukonen LR et al. 1978. Asbestos exposure from gasket operations. Bremerton, VA: Occupational and Environ Hea Serv, Naval Res Med Center.

B_5-88. Lumley KPS. 1971. "Asbestos dust levels inside firefighting helmets with chrysotile asbestos covers." Ann. Occup. Hyg. 14:285-286.

B_5-89. McCrone WC. 1974. "Detection and identification of asbestos by microscopical dispersion staining." Environ. Health Persp. 9:57-61.

B_5-90. McCrone WC. 1977. "Identification of asbestos by polarized light microscopy." Microscope.

B_5-91. McLaughlin A et al. 1949. "Talc pneumoconiosis." Br. J. Indust. Med. 6:184-194. Fiche.

B_5-92. Merliss RR. 1971. "Talc-treated rice and Japanese stomach cancer." Science 173:1141-1142.

B_5-93. Meylan WM et al. 1978. Syracuse Research Corp. Chemical market input/output analysis of selected chemical substances to access sources of environmental contamination - task III. Asbestos. OTS, USEPA. EPA 560/6-78-005. PB-285-531.

Fiche #

B_5-94. Millette JR et al. 1979. Exposure to asbestos from drinking water in the United States. Draft report. Cincinnati, OH: HERL, ORD, USEPA.

B_5-95. Murchio JC et al. 1973. Asbestos fibers in ambient air of California. Sacramento, CA: Air Resource Board, State of CA. PB_5-226-302.

B_5-96. Murphy RL et al. 1971. "Floor tile installation as a source of asbestos exposure." Amer. Rev. Respir. Dis. 104:576-580.

B_5-97. Nicholson WJ et al. 1972. "Asbestos contamination of parenteral drugs." Science 177:171-173.

B_5-98. Nicholson WJ, Pundesack FL. 1973. "Asbestos in the environment." In: Bogovski, P., Timbrell, V., Gilson, J.C., Wagner, J.C., eds. Biological effects of asbestos. Lyon: IARC.

B_5-99. Nicholson WJ et al. 1971. "Asbestos air pollution in New York City." In: ENgland, H.M., Bang, W.T., eds. Proceedings of Clean Air Congress. New York, NY: Academic Press, pp. 136-139.

B_5-100. Nicholson WJ et al. 1975. Asbestos contamination of the air in public buildings. Research Triangle Park, NC: OAQPS, OAWM, USEPA. EPA-450/3-76-004. PB-250-980.

B_5-101. Oliver T, Murr LE. 1977. "An electron microscope study of asbestiform fiber concentrations in Rio Grande Valley water supplies." J. AWWA 69:428-431.

B_5-102. OSHA. 1981. Computer printout: Inspection Summary. OSHA report OHDS 4S. Retrieved May 13, 1981. Washington, DC: OSDOL.

ED_001470_00013167 ED_001470_00013168-00173

Fiche #

EPA B-103. Parks GA. 1967. "Aqueous surface chemistry of oxides and complex oxide minerals." In: Stumm, W., ed. Equilibrium concepts in natural water systems. Advances in chemistry series 67. Washington, D.C.: American Chemical Society. Memo Re: B_5-103.

B_5-104. Roberts DR 1980a. Industrial hygiene report: asbestos at Allied Brake Shop, Cincinnati, OH. Cincinnati, OH: NIOSH, USDHEW. PB82-241879.

B_5-105. Roberts DR. 1980b. Industrial hygiene report: asbestos at Jaquays Mining Corp. Cincinnati, OH: NIOSH, USDHEW. PB81-241846.

B_5-106. Roberts DR. 1980c. Industrial hygiene report of the New York City Sanitation, Traffic, and Police Brake Servicing Facilities, Queens, NY. NIOSH, USDHEW. PB-81-245-201

B_5-106.1 1980d. **NOT AVAILABLE**

B_5-107. RTI. 1982. Research Triangle Institute. Economic analysis of controls on asbestos and asbestos products. Final report. ETD, OPTS, USEPA.

B_5-108. Ralston G, Kitchener GA. 1975. "The surface chemistry of amosite asbestos and amphibole silicate." J. Colloid Interface Sci. 50(2):242-246.

B_5-109. Rohl AN et al. 1976a. "Consumer talcums and powders: mineral and chemical characterization." Journal of Toxicol. Environ. Health 2:255-284.

B_5-110. Rohl AN et al. 1976b. "Asbestos exposure during brake lining maintenance and repair." Environ. Res. 12:110-128.

Fiche #

B_5-111. Rohl AN et al. 1977. "Environmental asbestos pollution related to use of quarried serpentine rock." Science 196:1319-1322.

B_5-112. Ross M. 1978. "The asbestos minerals: definitions, description, modes of formation, physical and chemical properties, and health risk to the mining community." In: National Bureau of Standards Special Publication 506. Proceedings of the Workshop on Asbestos. Definition and Measurement Methods. USNBS.

B_5-113. Sawyer RN, Spooner CM. 1978. Sprayed asbestos-containing materials in buildings: a guidance document. Research Triangle Park, NC: OAWM, OAWPS, USEPA. EPA-450/2-78-014.

B_5-114. Sawyer RN. 1976. "Asbestos exposure in a Yale building." Environ. Res. 13:146-169.

B_5-115. Schutz LA et al. 1973. Airborne asbestos fiber concentrations in asbestos mines and mills in the United States. Bureau of Mines Health and Safety Program Technical Progress Report 72. Denver, CO: Bureau of Mines, USDOI. PB-222 611.

B_5-116. Sebastien P et al. 1982. "Indoor airborne asbestos pollution: from the ceiling and the floor." Science 216:1410-1413.

B_5-117. Selikoff IJ, Lee DHK. 1978. Asbestos and disease. New York, NY: Academic Press. Cross-referenced to docket 61004. Memo re:

B_5-118. Selikoff IJ et al. 1972. "Asbestos air pollution." Arch Environ. Health 25:1-13.

ED_001470_00013167 ED_001470_00013168-00175

Fiche #

B_5-119. Serra RK, Connor MA. 1981. Midwest Research Institute. Assessment and control of chrysotile asbestos emissions from unpaved roads. Research Triangle Park, N.C.: OAQPS USEPA. EPA-450/3-81-006. PB 82-102526.

B_5-120. Shride A.E. 1973. Asbestos. In: United States mineral resources. USGS Prof. Paper 820. Reston, VA: USGS, USDOI.

B_5-121. Smith ER et al. 1973. Determination of the concentration of asbestos fibers in ambient air near an asbestos processing plant. Berkeley, CA: California State Dept. of Public Health. AIHL Report No. 128, Res. No. 1.

B_5-122. Spurny KR et al. 1977. "On the evaluation of fibrous particles in remote ambient air." The Science of the Total Environment 11 (1979) 1-40.

B_5-123. Spurny KR et al. 1979. "On the evaluation of fibrous particles in remote ambient air." Sci. Total Envir. 11:1-40. **NOT AVAILABLE**

B_5-124. Stewart IM et al. 1976. Asbestos fibers in natural runoff and discharges from sources manufacturing asbestos products. OTS, USEPA. Contract No. 68-01-2690.

B_5-125. Stewart IM. 1976. Walter C. McCrone Assoc. Inc. Asbestos in the water supplies of the ten regional cities. Washington, D.C.: OTS, USEPA. PB-252 620.

B_5-126. Suta BE, Levine RJ. 1979. "Non-occupational asbestos emissions and exposures, Chapter 5, Vol. I." In: Michaels, L., Chissick, S.S., eds. Asbestos properties, applications, and hazards. New York: John Wiley and Sons.

Fiche #

B_5-127. Thompson RJ. 1977. "Ambient air monitoring for chrysotile in the U.S." In: Gravatt, C.C., LaFleur, P.B., Heimrich, K.F., eds. Proceedings of workshop on asbestos: definitions and measurement methods. Washington, D.C.: USDOC.

B_5-128. Timbrell V. 1965. "The inhalation of fibrous dust." Annals of NY Acad. Sci. 255-273.

B_5-129. USDA. 1980. Food and Nutrient Intakes of individuals in one day in the US, Spring, 1977. National. Washington, D.C.

B_5-130. USDOE. 1980. US Department of Education. "Asbestos detection and control: local education agencies; asbestos detection and state plan: state education agencies." (45 FR 61950).

B_5-131. USEPA. 1973. Control techniques for asbestos air pollutions. Washington, D.C.: OAWP. AP-117. PB 222 020/0.

B_5-132. USEPA. 1974. A preliminary report on asbestos in the Duluth, Minnesota, area. Washington, D.C.: Office of Technical Analysis.

B_5-133. USEPA. 1975. Asbestos; its sources, uses, associated environmental exposure and health effects. OTS. EPA 560/2-75-000.

B_5-134. USEPA. 1981. "Asbestos; reporting and recordkeeping requirements." Fed. Regist., Jan. 26, 1981. 46:8200-8249.

B_5-135. Veblen DR et al. 1977. "Asbestiform chain silicates; new minerals and structural groups." Science 198:359-365.

ED_001470_00013167 ED_001470_00013168-00177

Fiche #

B_5-136. Versar, Inc. 1982. Methodology for assessing exposures to chemical substances from drinking water. Draft report. Washington, D.C.: OTS, USEPA. Contract No. 68-01-6271.

B_5-137. Wanta RC, Lowry WP. 1976. "The meteorological setting for dispersal of air pollutants." In: Stern, A.C., ed. Air pollutants, their transformation, and transport. New York: Academic Press. **NOT AVAILABLE**

B_5-138. Williams RL, Muhlbaier JL. 1982. "Asbestos brake emissions." Environmental Research 29:70-82.

B_5-139. Winer AA, Cossette M. 1978. Effect of aspect ratio on fiber counts: a preliminary study. Mineral Sciences Laboratory Report MRP/MSL 78-138 (OP). N.Y. Acad. Sci. Workshop No. 1.

B_5-140. Wright MD et al. RTI, Consad Research Corp., and Clayton Environmental Consultants. 1978. Asbestos dust: Technological and feasibility assessment and economic impact analysis of the proposed federal occupational standard. Parts I, II, III. OSHA, USDOL.

B_5-140a. PT II: 1978 Economic Appendices Asbestos Dust in Construction.

B_5-140b. PT III: 1978 Technical Appendices, Asbestos Dust in General Industry.

B_5-141. Wylie AG. 1983. The membrane filter method for estimating asbestos fiber exposure: a critique. Preprint. College Park, MD: Department of Geology, University of Maryland.

Fiche #

B_5-142. Zoltai T, Stout JH. 1976. Comments: Asbestiform and fibrous mineral fragments, relative to Reserve Mining Company taconite deposits. Minn. Pollution Agency Cont. No. 01649-50, March 24.

EPA B_5-143. Zussman J. 1979. "The mineralogy of asbestos." In: Michaels, L., Chissick, S.S. Asbestos Vol. 1, Properties, applications, and hazards. New York: John Wiley and Sons.

SUPPORT REFERENCES
B_6 FILE

REGULATORY IMPACT ANALYSIS
OF CONTROLS ON
ASBESTOS AND ASBESTOS PRODUCTS:
(MAY 6, 1988)

List of References

Explanantory Key/Availability of Documents

Unless otherwise indicated, all materials are available at the Public Information section (PINS), Public Docket Office for Toxic Substances, HQ, USEPA, Room G004, NE Mall. 401 M Street, SW Washington DC, 20460, (202) 382-3604.

(1) Available = From Company
(2) Submitted = To CBI Docket
(3) EPA Responsibility = i.e. Economic and Technology Div., OPTS,
(4) 4 Digit # = PINS Log #s
(5) B, E, J, N and O = In this Docket at Respective Sub-files.

VOLUME 1 - TECHNICAL REPORT

1. Advisory Committee on Asbestos. 1979a. Asbestos Volume 1: Final Report of the Advisory Committee. London, UK: British Health and Safety Commission (as reported in USEPA 1986). **See OPTS 61004 O-190.**

2. Advisory Committee on Asbestos. 1979b. Asbestos Volume 2: Final Report of the Advisory Committee. London, UK: British Health and Safety Commission (as reported in USEPA 1986). **See OPTS 61004 O-191.**

3. Axtell, LM, et al. 1976. Cancer Patient Survival. Report No. 5. Washington, D.C.: U.S. GPO. **B_3-Vol II-E-1.**

4. Bass, FM. 1980. "The Relationship between Diffusion Rates, Experience, Curves, and Demand Elasticities for Consumer Durable Technological Innovations." J. Business: 53. pp. S51-S67. **1731.**

5. Berry, G and Newhouse, ML. 1983. "Mortality of Workers Manufacturing Friction Materials Using Asbestos." Br. J. Ind. Med: 40. pp. 1-7. **B_3-Vol I-R-14; O-04**

6. Bertrand, R, Pezerat H. 1980. "Fibrous Glass: Carcinogenicity and Dimensional Characteristics." In Biological Effects of Mineral Fibers. IARC 2:901-911. **[See B_{10}-03-013].**

7. Chahinian AP. 1982. "Malignant Mesothelioma." In: Cancer Medicine, 2nd ed, Holland, JE and Frie, E, eds., Philadelphia: Lea and Febiger. **B_3-Vol I-R-17.**

8. Chronic Hazard Advisory Panel of Asbestos (CHAP). 1983 (July). Report to the U.S. Consumer Product Safety Commission by the Chronic Hazard Advisory Panel on Asbestos. Washington D.C.: USCPSC. **B_{1a}-001.**

SUPPORT REFERENCES
B6 FILE

Volume 1 - Technical Report

9. Cooper, R. et al. 1983. "Is the Period of Rapidly Declining Adult Mortality in the U.S. Coming to an End?" Am. J. Public Health :73. pp. 1091-1093. **B_3-Vol I-R-26.**

10. Dement, JM et al. 1982. "Estimates of Dose-Response for Respiratory Cancer among Chrysotile Asbestos Textile Workers." In: Inhaled Particles V., Walton, WH, ed., Oxford: Pergamon. **B_3-Vol I-R-30.**

11. Dement JM, et al. 1983. "Exposures and Mortality Among Chrysotile Asbestos Workers. Part II: Mortality." Am J Ind Med 4:421-433.

12. Doll, R and R Peto. 1981. "The Causes of Cancer: Quantitative Estimates of Avoidable Risks of Cancer in the United States Today." J. Nat. Cancer Inst.: 66. pp. 1191-1308. **B_3-Vol I-R-32.**

13. Doll, R and R Peto. 1985. Asbestos: Effects on the Health of Exposure to Asbestos. London, UK: Health and Safety Commission. **2368**

14. Eddy, DM. 1980. Screening for Cancer: Theory, Analysis, and Design. Englewood Cliffs, N.J.: Prentice-Hall. **B_3-Vol 2-E2.**

15. Gilman, JJ. 1982 (March). "Market Penetration Rates and Their Effect on Value." Research Management: pp. 35-43. **1729**

16. Henderson, VI and PE Enterline. 1979. "Asbestos Exposure: Factors Associated with Excess Cancer and Respiratory Disease Mortality." Annals NY: Academy of Sci: 330. pp. 117-126. **B_3-Vol I-R-49**

17. Hobbs, MST et al. 1980. "The Incidence of Pneumoconiosis, mesothelioma, and other respiratory cancer in men engaged in mining and milling crocidolite in Western Australia." Biological Effects of Mineral Fibers: 2. pp. 615-625, IARC Scientific Pub No. 30. **B_3-Vol 1-R-53.**

18. Hughes, J and H Weill. 1980. "Lung Cancer Risk Associated with Manufacture of Asbestos-Cement Products." Lyon, France: IARC Scientific Pub No. 30. pp. 627-635. **B_3-Vol I-R-57.**

19. ICF Inc. 1988 (March). Asbestos Exposure Assessment. Prepared for Dr K Wong, EED, OPTS, USEPA. Draft Report. **Log 2082; B1c-3**

20. Jacob, G and M Anspach. 1964. Pulmonary Neoplasia among Dresden Amosite Workers. Annals N.Y. Academy of Sci.: 316. p. 536. **B_3-Vol I-R-63.**

21. Jennings. 1985. Versar, Inc. Methods for Assessing Exposure to Chemical Substances. Volume 7. Methods for Assessing Consumer Exposure to Chemical Substances. Prepared for USEPA under Contract 68-02-3968. **1787**

22. Jones JSP, et al. 1980. "The Consequences of Exposure To Asbestos Dust in a Wartime Gas Mask Factory. Biological Effects of Mineral Fibers: 2." pp. 637-653, Lyon, France: IARC Scientific Pub No. 30. **B_3-Vol I-R-65.**

23. Langer AM. 1986 (April 18). Letter to Document Control Officer (TS-793), OTS, USEPA from Dr. Arthur M. Langer, Associate Director, Environmental Sciences Laboratory, Mount Sinai Medical Center, NY. **E-76 See: Mount Sinai Medical Center.**

24. Lieberman, MB. 1984. "The Learning Curve and Pricing in the Chemical Processing Industries." Rand J. of Economics: 15. pp. 213-228. **1730**

25. McDonald JC, et al. 1980. "Dust Exposure and Mortality in Chrysotile Mining, 1910-1975." Br. J. Ind. Med.:37pp. 11-24. **B_3-Vol 1-R-74; 0-23**

26. McDonald AD, et al. 1983. "Dust exposure and mortality in an American chrysotile textile plant." Br J Ind Med 40:361-367. **EPA responsibility.**

27. National Research Council, NAS. 1984. Nonoccupational Risks of Asbestiform Fibers, Washington D.C.: National Academy Press. **O-26**

28. Nicholson WJ, IJ Selikoff, H Seidman et al. 1979. "Long-Term Mortality Experience of Chrysotile Miners and Millers in Thetford Mines." Annals NY Academy of Sci.: 330. pp. 11-21. **B_3-Vol 1-R-85. O-29**

29. Nicholson WJ. 1983. Quantitative Risk Assessment for Asbestos-Related Cancers. Washington, D.C.: USDOL, OSHA, Contract J-9-F-2-0074. **Page 27, 59. B_3-Vol 1-R-83; B_{2a}-001**

30. Peto, J. 1979. Dose-Response Relationships for Asbestos-Related Disease: Implications for Hygiene Standards, Part II, Mortality. Annals N.Y. Academy Sci :330. p. 195. **B_3-Vol I-R-90. See: OPTS 61004 at - O-128.**

31. Peto, J. 1980. Lung Cancer in Relation to Measured Dust Levels in an Asbestos Factory. In: Biological Effects of Mineral Fibers. Wagner, JC, ed. Lyon, France : IARC Scientific Pub No. 30, pp. 829-836. **B_3-Vol I-R-91.**

32. Peto, H. et al. 1982. "Mesothelioma Incidence in Asbestos Workers: Implication for Models of Carcinogenesis and Risk Assessment." Br. J. Cancer :45. pp. 124-135. **B_3-Vol 1-R-92.**

33. Rubino, GF. et al. 1979. "Mortality of Chrysotile Asbestos Workers at the Balangero Mine, Northern Italy." Br. J. Ind. Med: 36. pp. 187-194. **B_3-Vol I-R-97; O-33**

SUPPORT REFERENCES
B6 FILE

Volume 1 - Technical Report

34. Seidman, H, et al. 1979. "Short-Term Asbestos Work Exposure and Long-Term Observations." Annals of N.Y. Academy Sci.: 330. pp. 61-89. **B_3-Vol I-R-99; O-34.**

35. Selikoff, IJ et al. 1979. "Mortality Experience in Insulation Workers in the United States and Canada." Annals of NY Academy of Sci.: 330. pp. 91-116. **B_3-Vol I-R-101; O-36.**

36. Stanton, MF et al. 1981. "Relation of Particle Dimension to Carcinogenicity in Amphibole Asbestos and Other Fibrous Minerals." JNCI 64:965-975. **2367**

37. USDHHS. 1981. Vital Statistics of the United States 1977: Volume II -- Mortality Part A, Hyattsville, Md: National Center for Health Statistics. **Availabile from USDHHS.**

38. USDOL, OSHA, Office of Regulatory Analysis. 1986 (June 11). Final Regulatory Impact and Regulatory Flexibility Analyses of the Revised Asbestos Standard. **Availabile from USDOL.**

39. USEPA 1986. Airborne Asbestos Health Assessment - Update. Environmental Criteria and Assessment Office, EPA/600/8-84/003F, RTP, NC June. **B_{1b}-001.**

40. USCPSC. 1983. Chronic hazard advisory panel on asbestos (CHAP). Washington, DC: **B_{1a}-001.**

41. Versar Inc. 1988. Asbestos Modeling Study: Final Report. Prepared for EED, OPTS, USEPA. **B_{1c}-001**

42. Versar Inc. 1987 (September 25). Nonoccupational Asbestos Exposure. Final Report. Prepared for EED, OPTS, USEPA. **B_{1c}-002**

43. WHO, 1985. Environmental Health Criteria Document on Asbestos and Other Natural Minerals. Draft. **[Docket has final Report dated 1986 at F_3-020c(005)D50].**

VOLUME II -- APPENDIX 1 - A.1 - BASELINE PROJECTION MODELS - (44-57)

44. American Society of Mechanical Engineers (ASME) Analysis of the Feasibility Replacing Asbestos in Automobile and Truck Brakes, 1987. (LOG 1656). **B_{2b}-010.**

45. Data Resources, Inc. 1986. U.S. Long Term Review (Spring 1986), Lexington, MA. EPA responsibility

46. ICF Inc., 1986. Mark Handwerger, Washington, D.C. 20006. Transcribed telephone conversations with: (1) Thomas Johnson, GM Corp, Detroit, MI. (2) L. Gubernick, Mazda, Inc., Irvine, CA. (3) Gubernick, Volvo Cars of North America, Rockleigh, NJ. (4) Representative, Mercedes-Benz of North America, Inc., Montvale, NJ. (5) Representative, Audi of America, Troy, MI. (6) Representative, Volkswagen of America, Inc., Troy, MI. (7) David Jenkins, America Honda Motor Co., Inc., Gardena, CA. (8) Robert Mitchell, BMW of North America, Inc., Montvale, NJ. (9) Representative, P.T. Brake Lining Co., Lawrence, MA. (10) Jerry Clark, Delco Morraine Div. of General Motors, Dayton, OH. (11) Jim Bowman, Nissan Motor Corp. in USA, Gardena, CA. (12) Representative, Ford Motor Co., Detroit, MI. **2087-2098**

47. ICF Inc. 1987. Hollander, Washington, D.C. 20006. Transcribed telephone conversation with Dr. Rhee, Allied/Bendix Automotive, Troy, MI. **[illegible] 2113.**

48. Motor Vehicle Manufacturers Assn (MVMA), Motor Vehicle Facts and Figure '86, 1986. **Available from MVMA**

49. R.L. Polk and Co., Detroit, Michigan in Motor Vehicle Facts and Figures '86, pps. 26-27. **Available from MVMA.**

50. Roberts D. 1987 (February 16). GM Corp., Detroit, MI, 48202. Letter and attachments to C. Augustyniak, OTS, USEPA. **EPA DCN 63-870000062.**

SUPPORT REFERENCES
B6 FILE

VOLUME II -- APPENDIX I - A.1

51. USDOT, The Report by the Federal Task Force on Motor Vehicle Goals Beyond 1980, Washington, D.C., 1976. **B_3-Vol II-C-2**

52. USDOT, Automotive Maintenance Data Base for Model Years 1976-1979, Washington, D.C. 1980. **B_3-Vol II-C-3**

53. USDOT, Past and Future Trends in Automobile Sales, Washington, D.C., 1981. **B_3-Vol II-C-4.**

54. USDOT, Past and Future Trends in Truck Sales, Washington, D.C., 1981. **B_3-Vol II-C-5.**

55. USDOT, A Preliminary Evaluation of Two Braking Improvements for Passenger Cars, Washington, D.C., 1981. **B_3-Vol II-C-6.**

56. Ward's Communication Incorporated, Ward's Automotive Yearbook, (1974-1986). **Old issues B_3-Vol 1-C-12; new versions 2151.**

57. Wharton Econometric Forecasting Associates, Philadelphia, PA, 1983. **B_3-Vol II-C-13.**

VOLUME II -- APPENDIX 2 - A.2 FIBER SUPPLY FUNCTION ESTIMATION - (58-73)

58. Asbestos Magazine. 1983 (January). "Asbestos mining industry review, 1982." 64(7). **B_3-Vol II-A-1**

59. Chemical and Engineering News. LR Embers. March 28, 1983. "Legal remedies for victims begin taking shape." p. 15. **B_3-Vol II-A-2**

60. Clifton RA. 1975, 1980. Minerals facts and problems--asbestos. Washington, DC: Bureau of Mines, USDOI. **B_3-Vol II-A-3**

61. Clifton RA. 1983a. Mineral commodity summaries--asbestos. Washington, DC: Bureau of Mines, USDOI. **B_3-Vol II-A-4**

62. Clifton RA. 1983a. Minerals yearbook. Washington, DC: Bureau of Mines, USDOI. **B_3-Vol II-A-5**

63. Economic Report of the President. 1983. Washington, DC: US GPO. **B_3-Vol II-A-7**

64. Energy, Mines, and Resources Canada. 1983 (January-September). Asbestos export summary. Ottawa, Canada. **B_3-Vol II-A-8.**

65. Energy, Mines, and Resources Canada. Various years. Canadian minerals yearbook--asbestos. Ottawa, Canada. **B_3-Vol II-A-9.**

66. Energy, Mines, and Resources Canada--Minerals, Various years Production of Canada's leading minerals. Ottawa, Canada. **B_3-Vol II-A-10.**

67. Griliches Z. 1967. "Distributed lags: a survey." Econometrica 35. **B_3-Vol II-A-11 and 1723**

68. International Monetary Fund. Various years. International financial statistics report. **B_3-Vol II-A-12.**

ED_001470_00013167 ED_001470_00013168-00188

VOLUME II -- APPENDIX 2 - A.2 FIBER SUPPLY FUNCTION

69. Intriligator MD. 1978. Economic models, techniques, and applications. Englewood Cliffs, NJ: Prentice-Hall, Inc. **B_3-Vol II-A-13.**

70. Metal and Minerals Group. 1981. Asbestos historical statistics: 1970-81. Ottawa, Canada: Dept. of Industry, Trade, and commerce. **B_3-Vol II-A-14.**

71. Statistics Canada. 1959-1977. Publication #26-205-Asbestos. Production and shipments of asbestos by Canadian mines. Ottawa, Canada. **B_3-Vol II-A-16**

72. USDOI. 1957-1983. Minerals yearbook -- asbestos. Bureau of Mines. **B_3-Vol II-A-17.**

73. RTI. 1985. Regulatory Impact Analysis of Controls on Asbestos (RIA). Prepared for ETD, OPTS, USEPA. **EPA DCN 20-8510620. EPA DCN 63-8600002.**

VOLUME III -- APPENDIX F.I - COMMERCIAL PAPER (74-84)

74. Babcock & Wilcox Co. T Viverito. 1986 (October 14). Augusta, GA. Transcribed telephone conversation with Tzanetos, ICF Inc. **2114.**

75. Carborundum Corp. C Demske. 1986 (October 14). Niagara Falls, NY. Transcribed telephone conversation with Tzanetos, ICF Inc. **2115.**

76. Cotronics Corp. Representative. 1986 (October 14). Brooklyn, NY. Transcribed telephone conversation with Tzanetos, ICF Inc. **2116**

77. Hollingsworth & Vose. Stowte Ellsworth. 1983. East Walpole, MA. Transcribed telephone conversation with E Malitz, ICF Inc., **B_3-Vol II-H-28.**

78. ICF Inc. 1984a. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **EPA DCN 63-8600022.**

79. ICF Inc. 1984b. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos products. OPTS, USEPA. **B_{1a}-004b.**

80. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos Commercial Paper. **Submitted to CBI docket.**

81. Krusell N, Cogley D. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. Washington, D.C.: OPTS, USEPA. Contract Number 68-02-3168. **B_3-Vol II-H-58; B_{2a}-006**

82. Lydall Corp. Mr. Devoe. 1983. Rochester, NH. Transcribed telephone conversation with E Malitz, ICF Inc. **B_3-Vol II-H-32.**

83. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **EPA DCN 63-8600092.**

VOLUME III -- APPENDIX F.I - COMMERCIAL

84. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. Washington, D.C.: OPTS, USEPA. EPA Document Control No. 20-8670644. **EPA DCN 63-8600063.**

VOLUME III -- APPENDIX F.II - ROLLBOARD (85-93)

85. Babcock & Wilcox Co. T. Viverito. 1986 (October 14). Augusta, GA. Transcribed telephone conversation with P Tzanetos, ICF Inc. **2114 See B6-74**

86. Carborundum Corp. C Demske. 1986 (October 14). Niagara Falls, NY. Transcribed telephone conversation with P Tzanetos, ICF Inc. **2115 See B6-75**

87. Cotronics Corp. Representative. 1986 (October 14). Brooklyn, NY. Transcribed telephone conversation with P Tzanetos, ICF Inc. **2116 See B6-76**

88. ICF Inc. 1984a. Appendix H: Asbestos Products and their Substitutes, in Regulatory Impact Analysis of Controls on Asbestos and Asbestos products. ETD, OPTS, USEPA. **B_{1a}-004b**

89. ICF Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **EPA DCN 63-8600022**

90. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos Rollboard. **Submitted to CBI Docket**

91. Krusell N, Cogley D. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. Contract Number 68-02-3168. **B_3-Vol II-H-58, B_{2a}-006**

92. TSCA Section 8(a) submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA . EPA Document Control No. 4235-3. **EPA DCN 63-8600092**

93. TSCA Section 8(a) submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. EPA Document Control No. 20-8670644; **EPA DCN 63-8600063.**

VOLUME III -- APPENDIX F.III - MILLBOARD (94-105)

94. Babcock & Wilcox Co. T. Viverito. 1986 (October 14). Augusta, GA. Transcribed telephone conversation with Tzanetos, ICF Inc. **2114**

95. Carborundum Corp. Applications Engineer. 1986 (November 10). Niagara Falls, NY. Transcribed telephone conversation with Tzanetos, ICF Inc. **2117**

96. Cotronics Corp. (n.d.) Product Literature. Ceramic Board. Brooklyn, NY. **Available from Cotronics Corp.**

97. ICF Inc. 1984. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **EPA DCN 63-8600022.**

98. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos Millboard. **Submitted to CBI Docket.**

99. Janos Industrial Insulation Corp. Sales Representatives. 1986 (November 10 and December 5). Moonachie, NJ. Transcribed telephone conversations with Peter Tzanetos, ICF, Inc. **2118**

100. Nicolet, Inc. (n.d.) Product Literature. Asbestos-Free Millboard. Ambler, PA 19002. **Available from Nicolet, Inc.**

101. Nicolet, Inc. Sales Representative. 1986 (December 4). Transcribed telephone conversation with P Tzanetos, ICF, Inc., **2119**

102. Quin-T Corp. R Heidt. 1986a (July-November). Erie, PA. Transcribed telephone conversations with P Tzanetos and E. Crabtree, ICF, Inc. **Submitted to CBI Docket.**

103. Quin-T Corp. E Kovykio. 1986b (November 11). Erie, PA. Transcribed telephone conversation with P Tzanetos, ICF, Inc. **2120.**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.III

104. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **EPA DCN 63-8600092**

105. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. EPA DCN. 20-8670644; **EPA DCN 63-8600063.**

VOLUME III -- APPENDIX F.IV - ASBESTOS PIPELINE WRAP (106-121)

106. Arco Oil & Gas Co. J Murray. 1986 (November 24). Transcribed telephone conversation with P Tzanetos, ICF Inc. **2121**

107. Energy Coating Company. B Heineman. 1986 (November 3). Transcribed telephone conversation with P Tzanetos, ICF Inc. **2122**

108. ICF Inc. 1984a. Appendix H: Asbestos Products and their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **B_{1a}-04b**

109. ICF Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **EPA DCN 63-8600022.**

110. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos Pipeline Wrap. **Submitted to CBI Docket.**

111. Krusell N, Cogley D. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. Contract Number 68-02-3168. **B_3-Vol II-H-58; B_{2a}-006**

112. Nicolet, Inc. Sales Representative. 1986a (November 11). Transcribed telephone conversation with P Tzanetos, ICF, Inc. **2123.**

113. Nicolet, Inc. R Hittinger. 1986b (November 5). Transcribed telephone conversation with P Tzanetos, ICF, Inc. **2124**

114. Nicolet, Inc. (undated). Product Literature. Safelt. Ambler, PA 19002. **Available from Nicolet, Inc.**

115. Pipeline Digest. 1986 (April 7). Pipe Coating Survey. Houston, TX. **1751**

116. Power Marketing Group. 1986a. Letter from G. Pytko to Peter Ranetos, ICF. Subject: Asbestos Pipeline Felt and Asbestos Built-up Roofing. w/enclosures (13)

VOLUME III -- APPENDIX F.IV - ASBESTOS PIPELINE WRAP (106-121) (cont'd)

116. Power Marketing Group. 1986a. (Continued

(1) Power Marketing Goupd, Inc.
Brief Presented to the United States Environmental Protection Agency: Relating to a Proposal to Phase Out Uses of Asbestos. (1986):7pp

(2) J Liebel. Occupational Exposure to Fibrous Dust (Asbestos) of Roof-layers When Handling Asbestos Roofing Felt. Preliminary Report. (08/07/84):

(3) NRCA
Letter to Joint Industry Steering Committee on Asbestos. From: Robert C. McAdam.
Re: Asbestos tear-off sample. (02/05/85):1pp

(4) AI
Letter fromJ. Lebel to Z Ellis Roofing Co. Inc.
From J Lebel
Subject: Results of Sampling to Measure The Asbestos Emission.
(01/30/85):1pp

(5) Institut De L'Amiante/Division De La Recherche
Occupational Asbestos Exposure Data When Pulling Out Asbestos Roofing Felt. J Lebel (January 22, 1985):5pp

(6) J Dunnigan ET AL
Asbestos Exposure in the Workplace Recent Data For Asbestos Roofing Felt Handling and Relationship to the Existence of A Threshold. National Roofing Contractors Association 98th Annual Convention February 10-13, 1985 New Orleans, LA (February 1985):21pp

(7) Anonymous.
Perspective '77 Proceedings to the Fifth Annual Industry Conference A/C Pip Producers Association
April 18-19, 1977 Mexico City, Mexico (April 1977):3pp

VOLUME III -- APPENDIX F.IV - ASBESTOS PIPELINE WRAP (106-121) (cont'd)

116. Power Marketing Group. 1986a. (Continued

(8) Power Marketing Group.
Brief Presented to the United States Environmental Protection Agency Relating to a Proposal to Phase Out Uses of Asbestos Docket Control Number OPTS-62036 (undated):12pp

(9) Irish Pipe Coating Co.
Letter from LB Irish to MB Chastain, NAPCA
Subject: Transmittal of Report.
(06/29/79):1pp
w/enclosure

(1) Asbestos Sampling During Pipe Wrapping. Irish Pipe Coating Company, Inc. Shreweport, Lousiana (Undated):4pp

(10) Liberty Mutual
Letter from JH Goldsmith to VF Baumann, Baumann Coatings, Inc.
Subject: Loss Prevention Visit
(12/30/82):1pp
w/enclosure

(1) Pipe Wrapping Operation - Airborne Asbestos Baumann Coating, Nessemer, Alabama. (Undated):599

(11) USDOL/OSHA
Letter from JD Bailey to D Warr, Armor Cote Corp.
Subject: Survey of Sampling Taken From Armor Cote Plant. (01/26/83):2pp

(12) Health Science Associates
Letter from R Guzman to L Raby, Ameror-Price Co.
Subject: Results of Testing
(02/11/86):1pp

(13) Health Science Associates
Asbestos Monitoring Survey and Respirator Training and Fit Testing January 10, 15 and 20, 1986. Ameron Price Co. Fontana, CA (January 1986):9pp

VOLUME III -- APPENDIX F.IV

117. Power Marketing Group. J Toerner. 1986b (October 24 and October 31). Houston, TX. Transcribed telephone conversations with P Tzanetos, ICF Inc. **2125**

118. Power Marketing Group. G Pytko. 1987 (January 30). Denver, CO 80231. Letter to P Tzanetos, ICF Inc. **2152**

119. Rood K. 1986 (October 31). Independent consultant (former employee of Johns-Manville Corp.). Transcribed telephone conversation with P Tzanetos, ICF Inc. **2126**

120. Shell Oil Co. D. Rumbo. 1986 (November 24). Transcribed telephone conversation with P Tzanetos, ICF Inc. **2127**

121. Texaco Oil Co. W Pimley. 1986 (November 24). Transcribed telephone conversation with P Tzanetos, ICF Inc. **2128**

VOLUME III -- APPENDIX F.V - BEATER-ADD GASKETS (122-132)

122. Armstrong World Industries. 1985. Product literature on Thermo-tork(R) gasketing material. **Available.**

123. Armstong World Industries. L Creech. 1987 (July 1). Fulton, NY. Transcribed telephone conversation with M Wagner, ICF Inc. **2102.**

124. Chemical Engineering, October 27, 1986. "Asbestos Users Step Up Search for Substitutes." McGraw-Hill. **1736 [Parkerson].**

125. ICF Inc. 1984a.**(?)** Appendix H: Asbestos Products and their Substitutes, in Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **B_{1a}-04b**

126. ICF Inc. 1986a (July-December). Survey of Primary and Secondary Processors of Asbestos Beater-Add Gasketing. **Submitted to CBI Docket.**

127. ICF Inc. 1987 (March 30). Memo to C Augustyniak, ETD, OPTS, USEPA. Accounting for Non-Respondents. **Deleted**

128. Krusell N, D. Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. Washington DC: ETD, OPTS, USEPA. Contract 68-02-3168. **B_3-Vol II-H-58; B_{2a}-006**

129. Oil and Gas Journal. May 26, 1986. Refining Technology: Substitute Materials to Replace Asbestos in Refinery-Service Gaskets and Packings. PennWell Publication. Tulsa, OK. Pp.47-51. **1755**

130. Machine Design. 1986 (July 10). Better Gaskets Without Asbestos. Volume 58, pp. 67-71. **1760: [Kaufman]**

131. Palmetto Packing. S Matt. 1986 (January 8 and 19). North Wales, PA. Transcribed telephone conversations with L Carlson, ICF, Inc. **2110**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.V

132. Union Carbide Corp. P Petrunich. 1987 (March 4). Cleveland, OH. Letter with enclosures addressed to Tony Bansal, ICF Inc. **2109**

VOLUME III -- APPENDIX F.VI - HIGHGRADE ELECTICAL PAPER (133-140)

133. ICF Inc. 1986a (July-December). Survey of Primary and Secondary Processors of Asbestos Electrical Paper. **Submitted to CBI Docket.**

134. ICF Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA. **B_{1a}-04b**

135. ICF Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. EPA DCN 20-8600681; **NOT AVAILABLE**

136. Krusell N, Cogley D. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. ETD, OPTS, USEPA. Contract 68-02-3168. **B_3-Vol II-H-58; B_{2a}-006**

137. Quin-T Co. N. Hughes. 1986 (July-December). Erie, PA. Transcribed telephone conversation with L. Carlson, ICF Inc. **Submitted To CBI Docket.**

138. Square D Co. R Burke. 1986 (July-December). Clearwater, FL. Transcribed telephone conversation with J Obaditch, ICF Inc. **Submitted to CBI Docket.**

139. TSCA Section 8(a) Submission. 1982a Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

140. TSCA Section 8(a) Submission. 1982b Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. **NOT AVAILABLE.**

VOLUME III -- APPENDIX F.VII - ROOFING FELT (141-151)

141. ICF Inc. 1984a. **(?)** Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **B_{1a}-004b**

142. ICF Inc. 1984b. Importers of Asbestos Mixtures and Products. OPTS, USEPA. EPA CBI Document Control No. 20-8600681; **NOT AVAILABLE**

143. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos Roofing Felt. **Submitted to CBI Docket.**

144. Johnny B. Quick Co. S Feldman. 1986 (November 6). Washington, D.C. Transcribed telephone conversation with P Tzanetos, ICF, Inc., **2129**

145. Krusell N, D. Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. **B_3-Vol II-H-58, B_{2a}-006**

146. Manville Sales Corp. J Siegfried. 1986 (November 5). Transcribed telephone conversation with P Tzanetos, ICF Inc. **2130**

147. National Roofing Contractors Assn (NCRA). J. Lowinski. 1986 (October 6). Transcribed telephone conversation with P Tzanetos, ICF Inc., **2131**

148. Power Marketing Group. 1986. Public comment: Brief on asbestos roofing felt submitted to USEPA. **1722; E-98**

149. Power Marketing Group. G Pytko. 1987a (January 30). Denver, CO, 80231. Letter to P Tzanetos, ICF Inc. **2152; SEE B6-118**

150. Power Marketing Group. G Pytko. 1987b (January). Denver, CO, 80231. Transcribed telephone conversations with P Tzanetos, ICF Inc. **2132**

151. Washington Roofing Products Co. S. Fletcher. 1986 (October 15 and November 7). Transcribed telephone conversations with P Tzanetos, ICF Inc. **2133**

VOLUME III -- APPENDIX F.VIII - FILLER FOR ACETYLENE CYLINDER - (152-160)

152. Bureau of Mines, USDOI. 1986. "Asbestos- Mineral Commodity Summaries." **1752**

153. Coyne Cylinder Co. Mr. Jim Kirsch. 1986 (July-December). **Submitted to CBI Docket.**

154. ICF Inc. 1984a. Appendix H: Asbestos Products and their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. EPA CBI Document Control No. 20-8600681.

155. ICF Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. EPA CBI Document Control No. 20-8600681. **NOT AVAILABLE**

156. ICF Inc. 1986a (July-December). Survey of Primary and Secondary Processors of Asbestos-Reinforced Plastic. **Submitted to CBI Docket.**

157. NI Industries Inc. AJ Mankos and D Hedges. 1986 (July- December). Indianapolis, IN 46224. Transcribed telephone conversations with J Obaditch and E Crabtree, ICF Inc. **Submitted to CBI Docket.**

158. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors. 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

159. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors. 1981. OPTS, USEPA. EPA Document Control No. 20-8670644. **NOT AVAILABLE**

160. U.S. Cylinders Div. of Werco. M Rabren. 1986 (July-December). Citronelle, AL 36522. Transcribed telephone conversations with J Obaditch and E Crabtree, ICF Inc. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.IX - FLOORING FELT (161-169)

161. Georgia Bonded Fibers, Inc. S Grubin. 1986 (October 20). Newark, NJ. Transcribed telephone conversation with P. Tzanetos, ICF Inc. **2134**

162. Hercules Corp. B. Rufe. 1986 (October 15). Wilmington, DE. Transcribed telephone conversation with P. Tzanetos, ICF Inc. **2135**

163. ICF Inc. 1984. Imports of Asbestos Mixtures and Products. OPTS, USEPA. EPA DCN 20-8600681; **NOT AVAILABLE.**

164. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos-Reinforced Plastic. **Submitted to CBI Docket.**

165. Krusell N, Cogley D. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. Contract Number 68-02-3168. **B_3-Vol-II-H-58; B_{2a}-006**

166. Tarkett, Inc. R. Depree. 1986 (July-August). Whitehall, PA. Transcribed telephone conversation with J Obaditch, ICF, Inc. **Submitted to CBI Docket.**

167. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors. 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

168. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors. 1981. OPTS, USEPA. **NOT AVAILABLE.**

169. U.S. Cylinders Div. of Werco. M Rabren. 1986 (July-December). Citronelle, AL 36522. Transcribed telephone conversations with J Obaditch and E Crabtree, ICF Inc. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.X - SPECIALITY PAPER - (170-182)

170. ICF Inc. 1986a (July-December). Survey of Primary and Secondary Processors of Asbestos Corrugated Paper. **Submitted to CBI Docket.**

171. Krusell N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. Contract 68-02-3168. **B_3-Vol II-H-58; B_{2a}-004b**

172. ICF Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **B_{1a}-004b**

173. ICF Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE.**

174. Cellulo Co. D Eskes. 1986 (July-December). Fresno, CA, 93721. Transcribed telephone conversations with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

175. Ertel Engineering. W Kearney. 1986 (November 1). Kingston, NY, 12401. Transcribed telephone conversation with M Wimmer, ICF, Inc. **2280**

176. ICF Inc. 1984a. **(?)** Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA. **B_{1a}-004b**

177. ICF Inc. 1986a (July-December). Survey of Primary and Secondary Processors of Asbestos Beverages and Pharmaceuticals Filters. **Submitted to CBI Docket**

178. Krusell N, and D. Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. Contract No. 68-02-3168. **B_3-Vol II-H-58; B_{2a}-004**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.X

179. Marley Cooling Tower Co. J Caldwell. 1986 (July-December). Louisville, KY, 40214. Transcribed telephone conversations with M Geschwind, ICF Inc. **Submitted to CBI Docket**

180. Marley Cooling Tower Co. J Nelson. 1986 (October 28). Louisville, KY, 40214. Transcribed telephone conversation with M Wimmer. ICF, Inc. **2281**

181. Munters Corp. R Miller. 1986 (July-December). Fort Meyers, FL. 33901. Transcribed telephone conversations with M Geschwind, ICF, Inc. **Submitted to CBI Docket.**

182. RTI. 1985. CBI Addendum to Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Research Triangle Park, N.C.: EED, OPTS, USEPA. EPA CBI Document Control No. 208510620. **SEE B1a-4**

VOLUME III -- APPENDIX F.XII - VINYL-ASBESTOS FLOOR TILE (183-193)

183. Floor Covering Weekly. 1980. Handbook of Contract Floor Covering. New York, NY: Bart. **B_3-Vol II-H-15**

184. Hercules Corp. B Rufe. 1986 (October 22). Wilmington, DE. Transcribed telephone conversation with P Tzanetos, ICF, Inc. **2136**

185. H&M Tile & Linoleum Co., Inc. Sales Representative. 1986 (September 23). Washington, D.C. Transcribed telephone conversation with P Tzanetos, ICF, Inc. **2137**

186. ICF Inc. 1984. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE**

187. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Vinyl-Asbestos Floor Tile. **Submitted to CBI Docket.**

188. John Ligon, Inc. Sales Representative. 1986 (September 23). Bethesda, MD. Transcribed telephone conversation with P Tzanetos, ICF Inc. **2138**

189. Krusell N, and Cogley D. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. Contract No. 68-02-3168. **B_3-Vol II-H-58; B_{2a}-006**

190. Microfibers, Inc. A Leach. 1986 (October 22). Pawtucket, RI. Transcribed telephone conversation with P Tzanetos, ICF, Inc., **2139**

191. Monsanto Corp. J Renshaw. 1986 (October 22). St. Louis, MO. Transcribed telephone conversation with P Tzanetos, ICF, Inc. **2140**

192. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF Docket Control No. 4235-3. **NOT AVAILABLE.**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.XII

193. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. EPA DCN; 20-8670644. **NOT AVAILABLE**

VOLUME III -- APPENDIX (194-203) - ASBESTOS DIAPHRAGMS-

194. American Metal Market. 1983 (September 19). Vulcan opens plant in Wichita. p. 17. **2141**

195. Chemical Engineering. 1976 (March 29). "New Signs Point to Wider Use of Synthetic-Membrane Chlor-Alkali Cells." p. 61. **2142**

196. Chemical Marketing Reporter. 1983 (August 15). "Vulcan Chemicals Starts Running Chloralkali Plant." p. 15. **2143**

197. Chemical Week. 1981 (May 27). "Polymeric Membranes for Chlor-Alkali Cells." pp. 13-14. **1761**

198. Chemical Week. 1982 (November 17). "A Revolution in Chlor-Alkali Membranes." pp. 35-36. **1762**

199. Chemical Week. 1984 (February 1). "Chlor-Alkali: Squeezing Earnings From a Low-Growth Business." pp. 26-29. **1763**

200. Chemical Week. 1985 (November 6). "Better Times for Chlor-Alkali in 1986." p. 28. **1772**

201. Chemical Week. 1986a (July 23). "Japan Abandons Mercury Cells." p. 10, 12-13. **1770.**

202. Chemical Week. 1986b (July 23). "Dow Shuts Some Chlorine Capacity." p. 24. **1771**

203. Chemical Week. 1986c (August 13). "New Entries Vie in Chlorine Technology." pp. 22-23. **1769**

204. Chlorine Institute. 1986a (June 30). Comments of the Chlorine Institute, Inc. 70 West 40th Street, New York, N.Y. **E-68a(1)**

205. Chlorine Institute. 1986b. Questionnaire to the Chlorine Institute. 70 West 40th Street, New York, NY. **N_1-014**

VOLUME III -- APPENDIX F.XIII

206. Coats V. 1983 (July 1). Vulcan Materials. Conversation with M Edelstein, ICF Inc. **B_3-Vol II-H-45**

207. Kirk-Othmer. 1983. "Alkali and chlorine products." Encyclopedia of Chemical Technology, Third edition: 799-865. **1728**

208. Kirk-Othmer. 1985. Alkali and chlorine products. Concise Encyclopedia of Chemical Technology: 59-63. **1768**

209. PPG Industries. 1986. Comments of PPG Industries, Inc. One PPG Place, Pittsburgh, Pennsylvania. **E-99a and E-99b**

210. SRI International. 1984. Chlorine. In: 1984 Directory of Chemical Producers, United States: 490-491. **1734.**

211. Rizzo P. 1986 (January). "Chloralkali Industry Nears End of Painful Realignment Period." Chemical Marketing Reporter: 27, 35. **1773**

212. Verbanic C. 1985 (September). Chlorine/caustic: anatomy of a struggle. Chemical Business: 50, 52, 57-59. **1830**

213. Vulcan Chemicals. 1986. Comments of the Vulcan Materials Co. P.O. Box 7609, Birmingham, AL 35253. **E-147**

VOLUME III -- APPENDIX F.XIV - A/C PIPE & FITTINGS - (214-245)

214. American Concrete Pressure Pipe Assn. J Willet. 1986 (October 15). Vienna, VA. Transcribed telephone conversation with M Geschwind, ICF Inc. **2153**

215. American Water Works Assn (AWWA). J Sullivan. 1986 (July 15). Comments of Jack Sullivan, Deputy Director of AWWA at the Environmental Protection Agency legislative hearing on its asbestos ban and phaseout proposal. **J_8.2**

216. Association of Asbestos Cement Pipe Producers (AACPP). 1986a (June 29). Written statement of J. Jackson, President. In Opening Written Comments of the Asbestos Information Agency/North America and Asbestos Institute. USEPA. OPTS 62036. **E-67d**

217. Association of Asbestos Cement Pipe Producers (AACPP). 1986b (July 15). Testimony of J. Jackson, President. Environmental Protection Agency Legislative hearing on its asbestos ban and phaseout proposal. **J_1.6**

218. Atlantic Cast Iron Pipe. F Tone. 1986 (December 24). Phillipsburg, NJ. Transcribed telephone conversations with M Geschwind, ICF Inc. **2154**

219. Bureau of Mines, USDOI. 1986a. Washington, DC. Mineral Commodity Summaries 1986. **1752. See B_6-152.**

220. Bureau of Mines, USDOI. 1986b. Washington, DC. "Asbestos", In: 1985 Minerals Yearbook. Volume 1 by Robert Virta. USGPO. Washington, D.C. **1740**

221. Capco Inc. Beasley. 1986a (August 25). Birmingham, AL. Transcribed telephone conversation with R Weiner, ICF Inc. **2155**

222. Capco Inc. H Gunin. 1986b (November 5). Birmingham, AL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2156**

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223. Capco Inc. Perrell. 1986c (December 23). Birmingham, AL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2157**

224. Certain-Teed. J McGinley. 1986a (August 25). Valley Forge, PA. Transcribed telephone conversation with R Wiener, ICF, Inc. **2158**

225. Certain-Teed. Sales Representative. 1986b (October 8). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2159**

226. Certain-Teed. A Baruer. 1986c (December 22). Houston, TX. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2160**

227. Certain-Teed. J Himmelberger. 1986d (December 22). Riverside, CA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2161**

228. Ductile Iron Pipe Res. Assn. M Wooten. 1986a (October 15). Birmingham, AL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2162**

229. Ductile Iron Pipe Res. Assn. M Tucker. 1986b (October 20). California, Regional Engineer. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2163**

230. ICF Inc. 1984. Appendix H. Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA. **B_{1a}-4b**

231. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos-Cement Pipe. **Submitted to CBI Docket.**

232. ICF Inc. 1987. Methodology for accounting for non-respondents. Memo to C Augustyniak, EED, OPTS, USEPA. **(This reference deleted)**

VOLUME III -- APPENDIX F.XIV

233. Industrial Minerals. 1986 (April). "Certain-Teed in profile: Tackling the asbestos cement dilemma." G Clarke, editor. London. pp. 68-74. **1739**

234. JM Manufacturing Corp. C Bonzo. 1986a (October 8). Stockton, CA. Transcribed telephone conversation with M Geschwind, ICF Inc. **2164**

235. JM Manufacturing Corp. Sales Representative. 1986b (November 21). Stockton, CA. Transcribed telephone conversation with M Geschwind, ICF Inc. **2165**

236. JM Manufacturing Corp. A. Gorski. 1986c (December 22). Stockton, CA. Transcribed telephone conversation with M Geschwind, ICF Inc. **2166**

237. Krusell N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. Contract 68-02-3168. **B_3-Vol II-H-58**

238. Malcolm Pirnie, Inc. 1983 (September). "Investigation of asbestos-cement pipe in the water and wastewater industry." Paramus, New Jersey: Malcolm Pirnie, Inc. **1724**

239. McWane Pipe Company. S. Simoneaux. 1986 (November 21). Birmingham, AL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2167**

240. Means. 1985. Means Building Construction Cost Data 1986. R.S. Means and Company. Kingston, MA. 1985. **2262**

241. US Concrete Pipe. K Tarpinian. 1986 (November 24). Baldwin Park, CA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2168**

242. USDOC. Bureau of the Census. 1986. Consumption of Imports FY 246/1985 Annual. Suitland, MD. **Available from USDOC.**

ED_001470_00013167 ED_001470_00013168-00213

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.XIV

243. USDOC. U.S. Industrial Outlook. 1983 (January). Chapter 2, Construction. **1735**

244. USDOC. U.S. Industrial Outlook. 1986 (January). "Ch. 1, Construction." **Available from USDOC.**

245. US Pipe and Foundry. C Kieselhorst. 1986 (November 21). Birmingham, AL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2169**

VOLUME III -- APPENDIX F.XV - A/C FLAT SHEET (246-293)

246.1 Atlas International Building Products. R Cadieux. 1986a (October 2). Montreal, Quebec, Canada. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2170**

246.2 Atlas International Building Products. R Cadieux 1986b (December 17). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2171**

247. Atlas International Building Products. T Eames. 1986b (November 6). Port Newark, NJ. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2172**

248. Atlas International Building Products. J Payac. 1986c (November 25). Montreal, Quebec, Canada. Transcribed telephone conversation with M Geschwind, ICF Inc. **2173**

249.1 Cem-Fil Corp. R Cook. 1986 (November 3). Atlanta, GA. Division of Pilkington Corp. Transcribed telephone with M Geschwind, ICF Corp. **2174a**

249.2 Cem-Fil Corp. R Cook. 1986. (November 6). Atlanta, GA. Division of Pilkington Corp. Transcribed telephone with M Geschwind, ICF, Corp. **2174b**

250. Coastal GFRC, Inc. B Horsley. 1986. (November 3). Hooksett, NH. Transcribed telephone conversation with M Geschwind, ICF Inc. **2175**

251. Eternit, Inc. 1986a (September). Reading, PA. Product literature on Eflex(R) and Eterboard(R) fiber reinforced cement panels. **Available from Eternit, Inc.**

252.1 Eternit, Inc. B. Morrissey. 1986b (October 27). Reading, PA. Transcribed telephone conversation with M Geschwind, ICF Inc. **2176a**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.XV

252.2 Eternit, Inc. B Morrissey. 1986b (November 4). Reading, PA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2176b**

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253. General Equip Mfgs. D Klein. 1986a (November 18). Crystal Springs, MT. Transcribed telephone conversation with M. Geschwind, ICF Inc. **2177**

254. General Equip. Mfgs. B Errington. 1986b (November 18). Crystal Springs, MT. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2178**

255. Glastic Co. P Leslie. 1986 (November 20). Cleveland, OH. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2179**

256. ICF Inc.. 1984a. Appendix H: Asbestos products and their substitutes, in: Regulatory Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA. **B_{1a}-4b**

257. ICF Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE**

258. ICF Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos-Cement Flat Sheet. **Submitted to CBI Docket.**

259. Krusell N, D Cogley. 1982. GCA Corp. Asbestos substitute performance analysis: revised final report. OPTS, USEPA. Contract 68-02-3168. **B_3-Vol II-H-58**

260. Laboratories Service, Inc. M Kloosterman. 1986 (November 17) Plymouth, MI. Division of Durcon. Transcribed telephone conversation with M Geschwind, ICF Inc. **2180**

261. Laticrete International, Inc. 1985 (October) Bethany, CT. Data sheet # 258.7 on Laticrete(R) EP Cement Board. **Available from Laticrete International, Inc.**

262. Laticrete International, Inc. T McKeon. 1986 (November 6) Bethany, CT. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2181**

VOLUME III -- APPENDIX F.XV

263. Manville Sales Corp. 1985a (May). Denver, CO. Product literature on Transite(R) II non-asbestos industrial board, Ebony(R) II non-asbestos electrical panel board. **Available from Manville Sales Corp.**

264. Manville Sales Corp. 1985b (August). Denver, CO. Product literature on Colorlith(R) II laboratory work tops. **Available from Manville Sales Corp.**

265. Manville Sales Corp. 1986a (January and May). Denver, CO. Product literature on Flexboard(R) II non-asbestos fiber cement board and non-asbestos architectural boards. **Available from Manville Sales Corp.**

266. Manville Sales Corp. K Hart. 1986b (October 28). Denver, CO. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2182**

267. Manville Sales Corp. T Kroll. 1986c (October 28). Denver, CO. Transcribed telephone conversation with M. Geschwind, ICF, Inc., **2183**

268. Manville Sales Corp. D Filarowicz. 1987 (January 5). Transcribed telephone conversation with M. Geschwind, ICF, Inc. **2184**

269. Masonite Corp. D Pelligrini. 1986a (November 3). Chicago, IL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2185**

270. Masonite Corp. F Pickering. 1986b (December 2). Laurel, MS. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2186**

271. Masonite Corp. (udated). Chicago, IL. Product literature on Benelex(R) 402 Industrial Laminate Electrical Insulation. **Available from Masonite Corp.**

272. Modulars, Inc. P Dinkle. 1986 (November 24). Hamilton, OH. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2187**

VOLUME III -- APPENDIX F.XV

273. National Tile Roofing Mftg's Assn. W Pruter. 1986 (November 13). Los Angeles, CA. 90039. Transcribed telephone conversation with M Geschwind, ICF, Inc., Nicolet, Inc. 1986a (April). **2188**

274. Product literature MM30-1 and MM33-1 and Price Lists on Monobestos(R) Board and Kolormate(R). Nicolet, Inc. Ambler, PA. **Available from Nicolet, Inc.**

275. Nicolet, Inc. B McNamara. 1986b (November 26). Ambler, PA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2189**

276. RE Hebert & Co. D Popeil. 1986 (November 6). Rochester, NY. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2161**

277. Roofing Wholesale Co., Inc. J Pierzchalski. 1986 (October 24). Phoenix, AZ. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2190**

278. Sanspray Corp. 1986a. Santa Clara, CA. Product literature on Minerit(R): asbestos-free non-combustible cement board. **Available from Sanspray Corp.**

279. Sanspray Corp. B McClenahan. 1986b (November 6). Santa Clara, CA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2191**

280. S Blickman, Inc. R Stanton. 1986 (November 17). Butler, NJ. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2192**

281. Tailored Industries. H Morse. 1986 (November 20). Pittsburgh, PA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2193**

282. TSCA Section 8(a) submission. 1982. Primary Data for Primary Asbestos Processors, 1981. Washington, DC: OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

VOLUME III -- APPENDIX F.XV

283. Tunnel Building Products. G Bridge. 1986 (November 6). Norwich, Cheshire, UK Division of Pilkington. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2194**

284. USDOC, Bureau of the Census. 1986a. Consumption of Imports FY 246/1985 Annual. Suitland, MD. **Available from USDOC.**

285. USDOC, Bureau of the Census, Div. of Minerals and Metals. P Confer. 1986b. Suitland, MD. Transcribed telephone conversation with M Geschwind, ICF, Inc. **1778**

286. USG. Corp. D Sardelli. 1986 (November 20). Stamford, CT. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2196**

287. Waller Brothers Stone Co. F Waller. 1986 (November 19). McDermoth, OH. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2197**

288.1 Western Slate Co. B Astrene. 1986 (September 22). Elmhurst, IL. Transcribed telephone conversations with M Geschwind, ICF, Inc. **2198a**

288.2 Western Slate Co. B Astrene. 1986 (November 4). Elmhurst, IL. Transcribed telephone conversation with M Geschwind, ICF Inc. **2198b**

289. Weyerhaeuser. 1985 (August). Tacoma, WA. Product literature No. UB-A185 on Ultraboard(™). **Available from Weyerhaerser.**

290. Wiley-Baley, Inc. D Duff. 1986 (November 24). Seattle, WA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2199**

291. Zircar Products, Inc. 1986a (April). Florida, NY. Price list and product literature on high temperature thermal insulation refractory sheets and Refractory Sheet Competitive Product Comparison literature. **Available from Zircar Products, Inc.**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.XV

292. Zircar Products, Inc. J Ritter. 1986b (November 3). Florida, NY. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2200**

293. Zircar Products, Inc. D Hamling. 1986c (December 2). Florida, NY. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2201**

VOLUME III -- APPENDIX F.XVI - CORRIGATED A/C SHEET (294-315)

294. Alpha Marine, Inc. L West. 1986 (December 17). Ft. Lauderdale, FL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2202**

295.1 Atlas International Building Products, Inc. R Cadieux. 1986a (October 2). Montreal, Quebec, Canada. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2170; See B6-246.1**

295.2 Atlas International Building Products, Inc. R Cadieux. 1986b (December 17). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2171; SEE B6-246.2**

296. Atlas International Building Products, Inc. T Eames. 1986b (November 6). Port Newark, NJ. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2172; See B6-247**

297. Atlas International Building Products, Inc. J Payac. 1986c (December 16). Port Newark, NJ. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2173; See B6-248**

298.1 Cem-Fil Corp. R Cook. 1986a (November 4). Lawrenceville, GA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2174a See B6-249.1**

298.2 Cem-Fil Corp. R Cook. 1986b (November 4). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2174b; See B6-249.2**

299. Coastal GFRC, Inc. B Horsley. 1986 (November 3). Hooksett, NH. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2175; See B6-250**

300. Cogley D. 1980. GCA Corp. "Other substitutes for asbestos-cement sheet." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. A Levin and H Pillsbury, eds. OPTS, USPEA. EPA-560/3-80-001. **B_3-Vol II-H-11**

VOLUME III -- APPENDIX F.XVI

301. Corrugated Metals, Inc. J Weberly. 1986a (November 7). Jersey City, NJ. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2203**

302. Corrugated Metals, Inc. R Huskey. 1986b (December 18). Chicago, IL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2204**

303.1 Eternit, Inc. B Morrissey. 1986 (November 4). Reading, PA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2176a**
See B6-252.1

303.2 Eternit, Inc. B Morrisey. 1986b (November 4). Trasncribed telephone conversation with M Geschwind, ICF, Inc. **2176b; SEE B6-252.2**

304. H&F Manufacturing Corp. 1986a (January 6). Feasterville, PA. Product literature and price list on phase 2 PVC Panels. **Available from H&F Manufacturing Corp.**

305.1 H&F Manufacturing Corp. J. Huscher 1986b (November 3). Feasterville, PA. Transcribed telephone conversations with M Geschwind, ICF, Inc. **2205a**

305.2 H&F Manufacturing Corp. J Huscher 1986b (November 6). Transcribed Telephone Conversation with M Geschwind, ICF, Inc. **2205b**

306. ICF, Inc. 1984. Appendix H: Asbestos products and their substitutes, in regulatory impact analysis of controls on asbestos and asbestos products. OPTS, USEPA. **B_{1a}-004b (Fiche# 6660489)**

307. Interstate Contractors. G Burdette. 1986 (December 18). Mulberry, FL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2206**

VOLUME III -- APPENDIX F.XVI

308. Krusell N, D Cogley. 1982. GCA Corp. Asbestos substitute performance analysis. Revised final report. OPTS, USEPA. Contract 68-02-3168. **B_3-Vol II-H-58; B_{2a}-006 (Fiche# 6660493)**

309. Means 1986. Means Building Construction Costs. Roofing and Siding. RS Means and Company. Kingston, MA. 1985. pp. 140-147.

310. Resolite. 1986a. Resolite Div. of H.H. Robertson Co. Zelienople, PA. 1986 Sweets Catalog (8/85); CR Catalog (11/84); Wastewater Treatment Facilities (8/85); Tred-Safe (R) Brochure (5/84); Resolite R42 Brochure; Fiberglass Reinforced Panel Council: Plastic Panel Systems. **Available from Resolite.**

311.1 Resolite. B. Reckard 1986b (November 3). Resolite Div. of H.H. Robertson Co. Zelienople, PA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2207**

311.2 Reynolds Aluminum Construction Products. J. Green. 1986 (12/18/86) Transcribed telephone coversation with M Geschwind, ICF, Inc. **2311**

312. Sequentia. 1984 (November 1). Cleveland, OH. Reinforced Fiberglass Div. Product literature and price list on alsynite/structoglass fiberglass reinforced plastic sheet. **Available from Sequentia.**

313. Sequentia. D Schmidt. 1986 (November 3). Cleveland, OH. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2208**

314. USDOC. Bureau of the Census. 1986a. Consumption of Imports FY246/1985 Annual. Suitland, MD. **Available from USDOC**

315. USDOC, Bureau of the Census, Div. of Minerals and Metals. P Confer. 1986b (October 3). Suitland, MD. Transcribed telephone conversation with M Geschwind, ICF, Inc. **1778; Available from USDOC**

VOLUME III -- APPENDIX F.XVII - A/C SHINGLES (316-371)

316. AIA/NA and AI. 1986 (June 29). Opening written comments of the Asbestos Information Association/North America and Asbestos Institute on EPA's proposed mining and import restrictions and proposed manufacturing, importation and processing prohibitions. Testimony of Alfred E. Netter, President of Supradur Manufacturing Corporation. **(E-67d)**

317. Alcoa. R Egbert. 1986a (November 25). Alcoa Building Products. Rockville, Maryland. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2209**

318.1 Alcoa. J Kelemen. 1986b (December 5). Alcoa Building Products. Rockville, Maryland. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2210**

318.2 AHA. 1985a. Questions - Answers: "Hardboad Siding! Why should I Buy It? What Benefits will I get?" **2312**

319.1 American Hardboard Assn. (AHA). 1986 (October). Association literature: Exterior walls product shipments 1977-1985. Palatine, IL. **1774a** w/enclosures (2)

(1) Hardboard Sources of Supply. AHA (Undated):8pp

(2) Questions-Answers. Hardboard Siding: Why Should I buy it? What Benefits will I get? (1985):4pp AHA

319.2 American Hardboard Assn. (AHA) J Nolan, Palaline IL. (11/25/86). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2313**

SUPPORT REFERENCES
B6 FILE

320. American Home Improvement Co. (AHIC). M Duncan. 1986 (December 11). Brentwood, Maryland. Transcribed telephone conversation with M Geschwind, ICF, Inc. 2211

VOLUME III -- APPENDIX F.XVII

321. American Wood Treating. J Feaver. 1986 (November 21). Mission, B.C., Canada. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2212**

322. Asphalt Roofing Mfgs Assn. (APMA). 1981. Rockville, Maryland. Association literature: "What You Should Know About Fiberglass Shingles." **NOT AVAILABLE**

323. Asphalt Roofing Mfgs Assn. (APMA). 1984. Rockville, Maryland. Association literature: "Roofing for America: An essential industry. The Asphalt Roofing Industry." **1741**

324. Asphalt Roofing Mfgs Assn. (APMA). 1986 (February 2). Rockville, Maryland. Association Literature: "Production of Strip Shingles." **1742**

325.1 Atlas International Building Products. R Cadiuex. 1986a (October 2). Montreal, Quebec, Canada. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2170; SEE B6-246.1**

325.2 Atlas International Building Products. R Cadiuex. 1986b (December 17). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2171; SEE B6-246.2**

326. Atlas International Building Products (AIBP). T Eames. 1986b (November 6). Port Newark, NJ. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2172; SEE B6-247**

327. Atlas International Building Products (AIBP). J. Payac. 1986c (November 25). Montreal, Quebec, Canada. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2173; SEE B6-248**

328. Atlas International Building Products (AIBP). R Cadieux. 1987 (July 7). Montreal, Quebec, Canada. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2213**

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329. Certain-Teed. S Howe. 1986 (December 4). Valley Forge, PA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2214**

330. Chemco. D Fandrem. 1986 (November 21). Ferndale, WA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2215**

331. Chemco. F Trosino. 1986 (November 21. Ferndale, WA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2216**

332. Cogley D. 1980. GCA Corp. "Other Substitutes for Asbestos-Cement Sheet." In: Proceedings of the National Workshop on Substitutes for Asbestos, July 14-16, 1980. A Levin and H Pillsbury, eds. OPTS, USEPA. EPA-560/13-80-001. **B_3-Vol II-H-11**

333. Commonwealth Aluminum. B Sullenberger. 1986 (December 4). Bethesda, MD. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2217**

334. Contractors Guide Magazine. 1986 (February). Skokie, IL. 60077. "Siding/Sheathing Survey." Market Report #9. pp. 1-10. **1743**

335. ICF, Inc. 1984. Appendix H: Asbestos products and their substitutes, in regulatory impact analysis of controls on asbestos and asbestos products. OPTS, USEPA. **B_{1a}-004b**

336. ICF, Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos-Cement Shingles. **Submitted**

337. Krusell N., Cogley D. 1982. GAC Corp. Asbestos substitute performance analysis: Revised final report. OPTS, USEPA. Contract 68-02-3168. **B_{2a}-6**

338. Johnny B Quick. M Ryan. 1986 (December 11). Washington, DC. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2218**

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339. Ludowici-Celadon. D Mohler. 1986 (November 25). New Lexington, OH. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2219**

340. MCA. Sales Representative. 1986 (December 3). Maharuchi Ceramics Company. Corona, CA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2220**

341. Means. 1986. Kingston, MA. 02364. Means Building Construction Cost Data. Shingles, Roofing and Siding. RS Means Company Inc. pp. 141-150. **SEE B6-309**

342. Monier Roof Tile Co. B Mittenmeyer. 1986a (November 25). Lakeland, FL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2221**

343. Monier Roof Tile Co. T Lua. 1986b (November 25). Corona, CA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2222**

344. Moon Sidings. S Cho. 1986 (December 11). Fairfax, VA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2223**

345. National Assn. of the Remodeling Industry (NARI). J Swenson. 1986 (November 7). Arlington, VA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2224**

346. National Home Improvement Co., Inc., (NHIC). H. Richard. 1986 (December 11). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2225**

347. National Roofing Contractor's Assn., (NRCA). J Wolenski. 1986 (November 13). Chicago, IL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2226**

VOLUME III -- APPENDIX F.XVII

348. National Tile Roofing Manufacturer's Assn., (NRCA). W Pruter. 1986a (November 13). Los Angeles, CA 90039. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2227**

349. National Tile Roofing Manufacturer's Assn., (NRCA). (Undated.) Los Angeles, CA 90039. Association literature: Roofing tile; List of Members, 1986-1987. **1745**

350. Owens-Corning Fiberglas. S Persinger. 1986 (November 21). Toledo, OH. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2228**

351. PEI. 1986 (September 26). OTS survey of Supradur Manufacturing Corp. Rye, NY. Completed by Alfred E. Netter, President of Supradur. **1744** w/enclosure

(1) OTS Survey Form Asbestos Products Manufacturers

352. Qualified Remodelor Magazine. B Sour. 1986 (November 25). Division of Harcourt, Brace, Jovanich. Chicago, IL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2229**

353. Raleigh Inc. B Raleigh. 1986 (November 17). Belvedere, IL. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2230**

354.1 Red Cedar Shingle & Handsplit Shake Bureau. 1985 Bellevue, WA. Association literature: "Of Shakes and Shingles..." **1747**

354.2 Red Cedar Shingle & Handsplit Shake Burea. 1985. Association literature: "Timeless Beauty: Cedar Shingles & Handsplit Shakes." **1748**

355. Red Cedar Shingle & Handsplit Shake Bureau. P Wood. 1986a (November 21). Bellevue, WA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2231**

VOLUME III -- APPENDIX F.XVII

356. Red Cedar Shingle & Handsplit Shake Bureau. 1986b. Bellevue, WA. Association literature: Production and distribution of red cedar shingles and handsplit shakes, 1983-1985. **1746**

357. RSI. 1986a (August). Chicago, IL. Roofing, Siding, and Insulation Magazine. "The Fiberglass Shingles Flap." p. 10. **1749**

358. RSI. 1986b (October). L Jacobs. Chicago, IL. Roofing, Siding, and Insulation Magazine. "Ban-aid for Wood Shakes?" p. 32. **1750**

359. San Valle Tile Co. J Danner. 1986 (December 3). Corona, CA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2232**

360. Supradur Manufacturing Corp. 1985 (September). Wind Gap, PA. Product literature on pre-shrunk mineral fiber siding and roofing specifications. **Available from Supradur Manufacturing Corp.**

361. Supradur Manufacturing Corp. 1986a (July 15). Testimony of Alfred Netter, President, at the Environmental Protection Agency legislative hearing on its asbestos ban and phase out proposal. **See J_1.8**

362. Supradur Manufacturing Corp. M Mueller. 1986b (November 4). Wind Gap, PA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2233**

363. Supradur Manufacturing Corp. A Netter. 1986c (November 4). Letter to M Geschwind, ICF, Inc. **NOT AVAILABLE**

VOLUME III -- APPENDIX F.XVII

364. TSCA Section 8(a) Submission. 1982. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE**

365. USDOC, Bureau of the Census. 1986a. Consumption of Imports FY 246/1985 Annual. Suitland, MD. **Available from USDOC**

366. USDOC, Bureau of the Census. Div. of Minerals and Metals. P Confer. 1986b (October 3). Suitland, MD. Transcribed telephone conversation with M Geschwind, ICF, Inc. **1778 See B6-285**

367. US Plywood. G Landis. 1986 (November 25). Stamford CT. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2234**

368. US Tile Company. L Linville. 1986 (December 3). Corona, CA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2235**

369. Vipco Inc. J Lawrence. 1986 (November 25). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2236**

370. Wages and Evans. G Evans. 1986 (December 11). Transcribed telephone conversation with M Geschwind, ICF, Inc. **2237**

371. Weyerhaeuser Corp. G Downey. 1986 (December 4). Transcribed telephone conversation with M Geschwind, ICF. **2238**

VOLUME III -- APPENDIX F.XVIII - DURABLE BRAKE LININGS - (372-402)

372. Abex Corp. R Nelson. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239**

373. Allied Automotive. E Rogers. 1986 (October 17). Troy, NY. Transcribed telephone conversation with R Hollander, ICF, Inc. **Missing telephone log - reconstructed at 2282.**

374. ASME. 1987 (April 15). Final Report on Analyses of the Feasibility of Replacing Asbestos in Automobile and Truck Brakes. Prepared for ETD, OPTS, USEPA. **1656 B_{2b}-010**

375. Automobile Importers of Amer. 1986. Comments of Automobile Importers of America on Proposed Asbestos Ban Rule. **E-20a(1).**

376. Battelle Columbus Labs. S Barber. 1987 (June 26). Columbus, OH. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2240**

377. Brake Systems Inc. S Mayo. 1986 (November 18). Stratford, CT. Transcribed telephone conversation with R Hollander, ICF, Inc. **Missing telephone log - reconstructed at 2283**

378. Carlisle. R Tami. 1986 (October 17). Ridgway, PA. Transcribed telephone conversation with R Hollander, ICF, Inc. **2241**

379. Chrysler Corp. M Heitkamp. 1986 (November 4). Detroit, MI. Transcribed telephone conversation with R Hollander, ICF, Inc. **2243**

380. Design News. 1984 (March 26). "Asbestos Substitutes in Friction Applications." S Scott. **1758**

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381. Ford Motor Co. A Anderson. 1986a (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239 See B6-372**

382. Ford Motor Co. 1986b. Comments of Ford Motor Co. on Proposed Asbestos Ban Rule. **E-46**

383. Friction Division Products. R. Carney. 1986 (July-December). Trenton, NJ. Transcribed telephone conversation with R. Hollander, ICF, Inc. **Submitted to CBI Docket.**

384. GM Corp. F Brookes. 1986a (November 19). Dayton, OH. Transcribed telephone conversation with R Hollander, ICF, Inc. **2242**

385. GM Corp. 1986b. Comments of General Motors Corp. on Proposed Asbestos Ban Rule. **E-50c dated June 29, 1986**

386. GM Corp. P Vernia. 1986c (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239 See B6-372**

387. General Motors Inst. S. Gratch. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239 See B6-372**

388. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA **See B_{1a}-4b**

389. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE.**

VOLUME III -- APPENDIX F.XVIII

390. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Disc Brake Pads (Light and Medium Vehicles). **Submitted to CBI Docket.**

391. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Disc Brake Pads (Light and Medium Vehicles). **Submitted to CBI Docket.**

392. ICF, Inc. 1987. Methodology for accounting for non-respondents. Memo to C Augustyniak, ETD, OPTS, USEPA. **See B_6-127**

393. Krusell N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis, Revised Final Report. ETD, OPTS, USEPA. EPA Contract 68-02-3168. **B_{2a}-6**

394. Lyndon B Johnson Space Center. J McCullough. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239 See B6-372**

395. Massachusetts Institute of Technology (MIT). E Rabinowicz. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239 See B6-372**

396. Original Quality, Inc. 1986. Comments of Original Quality, Inc. on Proposed Asbestos Ban Rule. **E-92.**

397. PEI Associates. 1986. OTS. Survey of Asbestos Product Manufacturers. OPTS, USEPA. **N_2-15**

398. Saab-Scania of America. D Rainey. 1986 (November 21). Orange, CT. Transcribed conversation with R Hollander, ICF, Inc. **2244**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.XVIII

399. TSCA Section 8(a) Submission. 1982a. Production **NOT AVAILABLE.**

400. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. **NOT AVAILABLE.**

401. Wagner Corp. F. Hayes. 1986a (December 5). Parsippany, N.J. Transcribed telephone conversation with R Hollander, ICF, Inc. **2245**

402. Wagner Corp. 1986b. Comments of Wagner Corp. on Proposed Asbestos Ban Rule. **E-150**

VOLUME III -- APPENDIX F.XIX - DISC BRAKE PADS LIGHT/MEDIUM VEHICLES - (403-433)

403. Abex Corp. R Nelson. 1986b (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239 See B6-372**

404. Allied Automotive. E Rogers. 1986 (October 17). Troy, NY. Transcribed telephone conversation with R Hollander, ICF, Inc. **Missing telephone log - reconstructed at 2282; See B6-373**

405. Automobile Importers of America. 1986. Comments of Automobile Importers of America on Proposed Asbestos Ban Rule. **E-20a**

406. Brake Systems Inc. S Mayo. 1986 (November 18). Stratford, CT. Transcribed telephone conversation with R Hollander, ICF, Inc. **Missing telephone log - reconstructed at 2283; See B6-377**

407. Cali-Blok. W Favio. 1986 (July-December). Gardena, CA. Transcribed telephone conversation with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

408. Chilton's Motor Age. S Davis. 1986 (October 17). Radnor, PA. Transcribed telephone conversation with R Hollander, ICF, Inc. **2246.**

409. Chrysler Corp. M Heitkamp. 1986 (November 4). Detroit, MI. Transcribed telephone conversation with R Hollander, ICF, Inc. **2243. See B6-379**

410. City Clerk of Los Angeles. 1986 (November 24). Los Angeles, CA. Transcribed telephone conversation with R Hollander, ICF, Inc. **2247.**

411. Design News. 1984. Asbestos Substitutes in Friction Applications. S Scott. March 26, 1984. **1758; See B6-380**

412. DuPont. T Merriman. 1986 (November 5). Wilmington, DE. Transcribed telephone conversation with R Hollander, ICF, Inc. **2248**

VOLUME III -- APPENDIX F.XIX

413. Ford Motor Co. A Anderson. 1986a (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander ICF, Inc. **2239. SEE B6-372**

414. Ford Motor Co. A Amburg. 1986b (November 5). Dearborn, MI. Transcribed telephone conversation with R Hollander, ICF, Inc. **2249.**

415. Ford Motor Co. 1986c. Comments of Ford Motor Co. on Proposed Asbestos Ban Rule. **SEE E-46.**

416. GM Corp. F Brookes. 1986a (November 19). Dayton, OH. Transcribed telephone conversation with R Hollander, ICF, Inc. **2242. SEE B6-384**

417. GM Corp. 1986b. Comments of General Motors Corp. on Proposed Asbestos Ban Rule. **SEE E-50**

418. GM Corp. P Vernia. 1986c (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239. SEE B6-372**

419. HK Porter Co. F Donnell. 1986 (November 30). Huntington, IN. Transcribed telephone conversation with R Hollander, ICF, Inc. **2250**

420. H Krasne Mfg Co. G Mosen. 1986 (July-December). Los Angeles, CA. Transcribed telephone conversation with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

421. ICF, Inc. 1984a. Appendix H: Asbestos Products and their Substitutes, in Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **SEE B_{1a}-4b.**

422. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE.**

423. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Disc Brake Pads (Light and Medium Vehicles). **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XIX

424. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Disc Brake Pads (Light and Medium Vehicles). **Submitted to CBI Docket.**

425. Krusell N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis, Revised Final Report. OPTS, USEPA. EPA Contract No. 68-02-3168. **SEE B_{2a}-6**

426. Lyndon B Johnson Space Center. J McCullough. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, DC. Transcribed conversation with R Hollander, ICF, Inc. **2239. SEE B6-372**

427. Massachusetts Institute of Technology, (MIT). E Rabinowicz. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, DC. Transcribed conversation with R Hollander, ICF, Inc. **2239. SEE B6-372**

428. Original Quality, Inc. 1986. Comments of Original Quality, Inc. on Proposed Asbestos Ban Rule. **E-92**

429. Saab-Scania of America. D Rainey. 1986 (November 21). Orange, CT. Transcribed conversation with R Hollander, ICF, Inc. **2244. SEE B6-398**

430. TSCA Section 8(a) submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF Document Control No. 4235-3; **NOT AVAILABLE.**

431. TSCA Section 8(a) submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. **NOT AVAILABLE.**

432. Wagner Corp. F Hayes. 1986a (December 5). Parsippanny, NJ. Transcribed telephone conversation with R Hollander, ICF, Inc. **2245. SEE B6-401.**

433. Wagner Corp. 1986b. Comments of Wagner Corp. on Proposed Asbestos Ban Rule. **SEE E-150**

VOLUME III -- APPENDIX F.XX - DISC BRAKE PADS HEAVY (434-444)

434. Allied Automotive. E Rogers. 1986 (October 17). Troy, NY. Transcribed telephone conversation with R Hollander, ICF, Inc. **MISSING TELEPHONE LOG - RECONSTRUCTED AT 2282. SEE B6-373.**

435. Brake Systems Inc. S Mayo. 1986 (November 18). Stratford, CT. Transcribed telephone conversation with R Hollander, ICF, Inc. **Missing telephone log --reconstructed at 2283. SEE B6-377.**

436. Carlisle. R Tami. 1986 (October 17). Ridgway, PA. Transcribed telephone conversation with R Hollander, ICF, Inc. **2241. SEE B6-378.**

437. Design News. 1984 (March 26). Asbestos Substitutes in Friction Applications. S Scott. **1758. SEE B6-380.**

438. Ford Motor Co. A Anderson. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, DC. Transcribed conversation with R Hollander, ICF, Inc. **2239. SEE B6-372.**

439. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, In Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA. **SEE B1a-4b.**

440. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE.**

441. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Disc Brake Pads (Heavy Vehicles). **Submitted to CBI Docket.**

442. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Disc Brake Pads (Heavy Vehicles). **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XX

443. ICF, Inc. 1987. Methodology for accounting for non-respondents. Memo to C Augustyniak, ETD, OPTS, USEPA. **(Delete Reference) See B_6-127**

444. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF DCN 4235-3. **NOT AVAILABLE.**

445. TSCA Section 8(a) submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. **NOT AVAILABLE.**

VOLUME III -- APPENDIX F.XXI - BRAKE BLOCKS (446-469)

446. Abex Corp. R Nelson. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, DC. Transcribed conversation with R. Hollander, ICF, Inc. **2239. SEE B6-372**

447. Allied Automotive. E Rogers. 1986 (October 17). Troy, NY. Transcribed telephone conversation with R Hollander, ICF, Inc. **Missing telephone log - reconstructed at 2282. SEE B6-373**

448. Allied Automotive. B Bush. 1987 (July 10). Troy, NY. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2252**

449. Ashland Petroleum Co. 1986. Product Literature. Carboflex and Aerocarb -- Ashland's New Low Cost Carbon Fiber and Carbonizing Products for Future Brake Applications. Ashland, KY. **Available from Ashland Petroleum Company.**

450. Carlisle, Motion Control Industries Div. R Tami. 1986a (October 17). Ridgway, PA. Transcribed telephone conversation with R Hollander, ICF, Inc. **2241. SEE B6-378**

451. Carlisle, Motion Control Industries Div. 1986b. Product Literature. Tracking Enduramid . Ridgway, PA. **Available from Carlisle, Motion Control Industries Div.**

452. Carlisle, Motion Control Industries Div. R Tami. 1987 (July 10). Ridgway, PA. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2251**

453. Design News. 1984 (March 26). "Asbestos Substitutes in Friction Applications." S Scott. **1758. SEE B6-380**

454. DuPont. T Merriman. 1986 (November 5). Wilmington, DE. Transcribed telephone conversation with R Hollander, ICF, Inc. **2248. SEE B6-412**

VOLUME III -- APPENDIX F.XXI

455. Ford Motor Co. A Anderson. 1986a (December 3). American Society of Mechanical Engineers Conference in Washington, DC. Transcribed conversation with R Hollander, ICF, Inc. **2239. SEE B6-372**

456. Ford Motor Co. 1986b. Comments of Ford Motor Co. on Proposed Asbestos Ban Rule. **SEE E-46**

457. Frieghtliner Corp. T Robinson. 1986 (November 26). Portland, OR. Transcribed telephone conversation with R Hollander, ICF, Inc. **2253**

457.1 Friction Products. D Cramer. 1986. (October 9). Transcribed telephone conversatin with R Hollander, ICF, Inc. **2314.**

458. ICF, Inc. 1984a. Appendix H: Asbestos Products and their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA. **SEE B_{1a}-4b**

459. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. EPA DCN 20-8600681; **NOT AVAILABLE.**

460. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Brake Blocks. **Submitted to CBI Docket.**

461. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Brake Blocks. **Submitted to CBI Docket.**

462. ICF, Inc. 1987. Methodology for accounting for non-respondents. Memo to C Augustyniak, ETD, OPTS, USEPA. **See B_6-127.**

SUPPORT REFERENCES
B6 FILE

463. Krusell N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis, Revised Final Report. OPTS, USEPA. EPA Contract 68-02-3168. **SEE B_{2a}-6**

VOLUME III -- APPENDIX F.XXI

464. PEI Associates, Inc. 1986. OTS Survey of Asbestos Products Manufacturers. Washington, DC.: Prepared for OPTS, USEPA. **SEE N_2-15**

465. SK Wellman. P Douglass. 1987 (July 10). Toronto, Ontario, Canada. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2254**

466. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

467. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. EPA Document Control No. 20-8670644. **NOT AVAILABLE.**

468. Wheeling Brake Block. G Beckett. 1986 (November 20). Bridgeport, CT. Transcribed telephone conversation with R Hollander, ICF, Inc. **Missing telephone log - reconstructed at 2284.**

469. Wheeling Brake Block. G Beckett. 1987 (July 10). Toronto, Ontaria, Canada. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2255**

VOLUME III -- APPENDIX F.XXII - CLUTCH FACINGS (470-490)

470. Abex Corp. R Nelson. 1986b (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF Inc. **2239. SEE B6-372**

471. Automobile Importers of America. 1986. Comments of Automobile Importers of America on Proposed Asbestos Ban Rule. **SEE E-2a**

472. Deere and Co. R Grotelueschen. 1986 (October 30). Moline, IL. Transcribed telephone conversation with R Hollander, ICF, Inc. **2256**

473. DuPont. T Merriman. 1986 (November 5). Wilmington, DE. Transcribed telephone conversation with R Hollander, ICF, Inc. **2248. SEE B6-454**

474. DuPont. R Gould. 1987 (July 13). Wilmington, DE. Transcribed telephone conversation with M Geschwind, ICF, Inc. **2257**

475. Ford Motor Co. A Anderson. 1986 (December 3). American Society of Mechanical Engineers Conference in Washington, D.C. Transcribed conversation with R Hollander, ICF, Inc. **2239. SEE B6-372**

476. Frieghtliner Corp. T. Robinson. 1986 (November 26). Portland, OR. Transcribed telephone conversation with R Hollander, ICF, Inc. **2253 SEE B6-457**

477. HK Porter Co. F. Donnell. 1986 (November 20). Huntington, IN. Transcribed telephone conversation with R Hollander, ICF, Inc. **2250. SEE B6-419**

478. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA. **B_{1a}-4b.**

479. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. EPA DCN. 20-8600681. **NOT AVAILABLE.**

VOLUME III -- APPENDIX F.XXII

480. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Brake Blocks. **Submitted to CBI Docket.**

481. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Brake Blocks. **Submitted to CBI Docket.**

482. ICF, Inc. 1987. Methodology for accounting for non-respondents. Memo to C Augustyniak, ETD, OPTS, USEPA. **See B_6-127**

483. Krusell N, D. Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis, Revised Final Report. OPTS, USEPA. EPA Contract 68-02-3168. **B_3-Vol II-H-58**

484. Nuturn. G Swinfen. 1986 (July-December). Smithville, TN. Transcribed telephone conversation with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

485. Original Quality, Inc. 1986. Comments of Original Quality, Inc. on Proposed Asbestos Ban Rule. **E-92**

486. PEI Associates, Inc. 1986. OTS Survey of Asbestos Products Manufacturers. OPTS, USEPA. **N2-15**

487. Saab-Scania of America. D Rainey. 1986 (November 21). Orange, CT. Transcribed telephone conversation with R Hollander, ICF, Inc. **2244 SEE B6-398**

488. SK Wellman. B Laditka. 1986 (October 29). Bedford, OH. Transcribed telephone conversation with R Hollander, ICF, Inc. **2258**

489. TSCA Section 8(a) submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. EPA Document Control No. 4235-3. **NOT AVAILABLE.**

490. TSCA Section 8(a) submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. EPA Document Control No. 20-8670644; **NOT AVAILABLE.**

VOLUME III -- APPENDIX F.XXIII - AUTOMATIC TRANSMISSION FRICTION COMPONENTS (491-504)

491. Automobile Importers of America. 1986. Comments of Automobile Importers of America on Proposed Asbestos Ban Rule. **SEE E-20a**

492. Borg-Warner. T Longtin. 1986 (November 20). Frankfort, IL. Transcribed telephone conversation with R Hollander, ICF, Inc. **2260**

493. Deere and Co. R Groteluesche n. 1986 (October 30). Moline, IL. Transcribed telephone conversation with R Hollander, ICF, Inc. **2256. SEE B6-472**

494. DuPont. T Merriman. 1986 (November 5). Wilmington, DE. Transcribed telephone conversation with R Hollander, ICF, Inc. **2248. SEE B6-454**

495. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **B_{1a}-4b**

496. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. EPA DCN 20-8600681; **NOT AVAILABLE.**

497. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Automatic Transmission Friction Components. **Submitted to CBI Docket.**

498. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Automatic Transmission Friction Components. **Submitted to CBI Docket.**

499. ICF, Inc. 1987. Methodology for accounting for non-respondents. Memo to C Augustyniak, ETD, OPTS, USEPA. **See B_6-127**

500. Mead Corp. L McDonnold. 1986 (December 15). Dayton, OH. Transcribed telephone conversation with R Hollander, ICF, Inc. **2259**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.XXIII

501. Raymark Corp. 1986. Comments of Raymark Corp. on Proposed Asbestos Ban Rule. **SEE E-102a**

502. SK Wellman. B Laditka. 1986 (October 29). Bedford, OH. Transcribed telephone conversation with R Hollander, ICF, Inc. **2258. SEE B6-488**

503. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors, 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

504. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. To OPTS, USEPA. **NOT AVAILABLE.**

VOLUME III -- APPENDIX F.XXIV - FRICTION MATERIALS (505-520)

505. Deere and Co. R Groteluesch en. 1986 (October 30). Moline, IL. Transcribed telephone conversation with R Hollander, ICF, Inc. **2256; SEE B6-472**

506. Design News. 1984 (March 26). "Asbestos Substitutes in Friction Applications." S Scott. **1758; SEE B6-380**

507. HK Porter Co. F Donnell. 1986 (November 20). Huntington, IN. Transcribed telephone conversation with R Hollander, ICF, Inc. **2250; SEE B6-419**

508. Hoover Co. A. McMullen. 1986 (July-December). North Canton, OH. Transcribed telephone conversation with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

509. ICF, Inc. 1984. Appendix H: Asbestos Products and Their Substitutes, In: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. EED, OPTS, USEPA. **B_{1a}-4b**

510. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Disc Brake Pads (Heavy Vehicles). **Submitted to CBI Docket.**

511. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Disc Brake Pads (Heavy Vehicles). **Submitted to CBI Docket.**

512. ICF, Inc. 1987. Methodology for accounting for non-respondents. Memo to C Augustyniak, OPTS, USEPA. **See B_6-127**

513. Krusell N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis, Revised Final Report. OPTS USEPA. EPA Contract 68-02-3168. **B_3-Vol II-H-58; B_{2a}-6**

514. National Friction Products. E Sydor. 1986 (July-December). Logansport, IN. Transcribed telephone conversation with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XXIV

515. PEI Associates Inc. 1986. OTS Survey of Asbestos Products Manufacturers. USEPA, OPTS. **N_2-15**

516. Raymark Corp. G Houser. 1986a (July-December). Manheim, PA. Transcribed telephone conversation with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

517. Raymark Corp. 1986b. Comments of Raymark Corp. on Proposed Asbestos Ban Rule. **SEE E-102a**

518. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors, 1981. To OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

519. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. To OPTS, USEPA. **NOT AVAILABLE.**

520. Wheeling Brake Block. G Beckett. 1986 (November 20). Bridgeport, CT. Transcribed telephone conversation with R Hollander, ICF, Inc. **Missing telephone log - reconstructed at 2284. SEE B6-468**

VOLUME III -- APPENDIX F.XXV - ASBESTOS PROTECTIVE CLOTHING - (521-527)

521. A-Best Products Company. M Knauzs. 1986 (October 28). Cleveland, OH, 44111. Transcribed telephone conversation with M Wagner, ICF, Inc. **2100**

522. ATI. 1967. Handbook of Asbestos Textiles. American Textiles Institute. **1767**

523. Aztec Industries. W Outcalt. 1986 (November 4). North Brookfield, MA, 01535. Transcribed telephone conversation with M Wagner, ICF, Inc. **2105**

524. Garlock Inc. F Piccola. 1986 (October 17). Sodus, NY, 14551. Transcribed telephone conversation with M Wagner, ICF, Inc. **2107**

525. ICF, Inc. 1986a (July-December). Survey of primary and secondary processors of asbestos textiles. **Submitted to CBI Docket.**

526. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Processors, 1981. To OPTS, USEPA. **NOT AVAILABLE.**

527. Utex Industries. EB Pippert. 1986 (July-December). Houston, TX, 77279. Transcribed telephone conversation with M Wagner, ICF, Inc. **2108**

VOLUME III -- APPENDIX XXVI - ASBESTOS TEXTILES - (528-554)

528. Amatex Inc. W Maaskant. 1986 (November 23). Norristown, PA. Transcribed telephone conversation with M Wagner, ICF, Inc. **2103**

529. Amatex Inc. 1986a. Product literature on Thermoglass(R) heat-resistant textiles. **Available from Amatex Inc.**

530. Armco Inc. 1979. Product literature on Refrasil(R) heat-resistant textiles. **Available from Armco Inc.**

531. ASTM. 1982. Annual Book of ASTM Standards: Part 32. Textiles -- Yarns, Fabrics, and General Test Methods. American Society for Testing and Materials. Philadelphia, PA. **Never received.**

532. ATI. 1967. Handbook of Asbestos Textiles. American Textiles Institute. **1767. SEE B6-522**

533. AW Chesterton. H Torrey. 1986 (December 5). Woburn, MA, 01801. Transcribed telephone conversation with M Wagner, ICF, Inc. **2112**

534. Aztec Industries. W Outcalt. 1986 (November 4). North Brookfield, MA, 01535. Transcribed telephone conversation with Wagner, ICF, Inc. **2105. SEE B6-523**

535. Carborundum. 1980. Product literature on Fiberfrax(R) heat-resistant textiles. **Available from Carborundum.**

536. Chemical Business. 1984. "Improved Fibers Put Heat on Asbestos." (April 1984). pp. 40-42. **1757**

537. Clifton, RA. 1984. "Asbestos." USDOI, Bureau of Mines. Excerpt from 1984 Mineral Yearbook. **1732**

538. Darco Southern. B McAllister. 1986 (October 15). Independance, VA, 24348. Transcribed telephone conversation with M Wagner, ICF, Inc. **2106**

VOLUME III -- APPENDIX XXVI

539. (USDOC) DOC. 1985. Schedule FT 246. U.S. Imports for Consumption. **Available from USDOC**

540. DuPont. 1980. Product literature on Kevlar(R) heat-resistant textiles. **Available from DuPont**

541. Garlock Inc. F Piccola. 1986 (October 17). Sodus, NY, 14551. Transcribed telephone conversation with M Wagner, ICF, Inc. **2107**
SEE B6-524

542. GCA Corp. 1980. Asbestos Substitute Performance Analysis. Submitted to OPTS, USEPA In partial fulfillment of EPA Contract No. 68-02-3168.
SEE B2a-10

543. ICF, Inc. 1984. Importers of asbestos mixtures and products. OPTS, USEPA. **NOT AVAILABLE.**

544. ICF 1986a (July-December). Survey of primary and secondary processors of asbestos textiles.
Submitted to CBI Docket.

545. Industrial Minerals. 1984. "Asbestos Replacement in Industrial Minerals." (June, 1984): 53-55. **2099**

546. Kirk-Othmer. 1981. "Cotton." in Encyclopedia of Chemical Technology. 7. 182-189. John Wiley and Sons. New York, NY. **1764, 1765, 1766**

546.1 Kirk-Othmer. 1981. "Carbon (Carbon and Artifical Graphite." in Encyclopedia of Chemical Technology. 4. 622-628. John Wiley and Sons. New York, NY
1765

546.2 Kirk-Othmer. 1981. "Heat Resistant Polymer." in Encyclopedia of Chemical Technology. 12. 203-225. John Wiley and Sons. New York, NY
1766

547. NTIS. 1975. Economic Analysis of Effluent Guidelines: The Textile, Friction and Sealing Materials Segment of the Asbestos Manufacturing Industry. US National Technical Information Service. PB-250-682. **1725**

VOLUME III -- APPENDIX XXVI

548. Raymark Corp. L Williams. 1986 (July-December). Marshville, NC, 28013. Transcribed telephone conversation with M Wagner and P Tzanetos, ICF, Inc. **Submitted to CBI Docket**

549. Scott, SW. 1984. Asbestos Substitutes in Friction Applications. Design News (March 26, 1984). pp. 44-50. **1758; SEE B6-380**

550. Spaulding Co., Inc. J Mileham. 1986 (October 28). Buffalo, NY, 14225. Transcribed telephone conversation with M Wagner, ICF, Inc. **2104**

551. Standco Industries. DC. Long. 1986 (July-December). Houston, TX, 77001. Transcribed telephone conversation with M Wagner, ICF, Inc. **Submitted to CBI Docket.**

552. TSCA Section 8(a) Submission. 1986b. Production Data for Secondary Processors, 1981. To in the OPTS, USEPA. EPA Document Control No. 20-8670644. **NOT AVAILABLE.**

553. Utex Industries. E Pippert. 1986 (July-December). Houston, TX, 77279. Transcribed telephone conversation with M Wagner, ICF, Inc. **2108 SEE B6-527**

554. Virta, R. 1986 (October 9). Bureau of Mines, USDOI. Washington, DC, 20006. Transcribed telephone conversation with M Wagner, ICF, Inc. **2101**

VOLUME III -- APPENDIX F.XXVII - SHEET GASKETS (555-567)

555. Carborundum. 1986. Product literature on Fiberfrax(R) heat-resistant materials. **Available from Carborundum.**

556. Chemical Engineering. 1986 (October 27). Asbestos Users Step Up Search for Substitutes. McGraw-Hill. **1736**

557. AW Chesterton. 1982. Product literature on sealing devices. **Available from AW Chesterton.**

558. AW Chesterton. 1983. Product literature on environmental packings. **Available from AW Chesterton.**

559. **(USDOD)** DOD. 1986. GD West. 1986 (July 19). Department of Defense, Department of the Air Force. Letter to the Document Control officer, OPTS,

USEPA. OPTS Document No. 62036-Asbestos Ban. **(EPA responsibility) E-142. DATES DON'T AGREE**

560. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **B_{1a}-4b**

561. ICF, Inc. 1986a (July-December). Survey of Primary and Secondary Processors of Asbestos Sheet Gasketing. **Submitted to CBI Docket.**

562. ICF, Inc. 1987 (March 30). Memo to C Augustyniak, OPTS, USEPA. Accounting for Non-Respondents. **SEE B_6-127**

563. Kirk-Othmer. 1981. "Packing Material" Encyclopedia of Chemical Technology. Volume 16. Wiley and Sons. New York, NY. **1753**

564. Kaufmann J. 1986. Armstrong World Industries Inc. Better Gaskets Without Asbestos. **2315**

VOLUME III -- APPENDIX XXVII

565. Oil and Gas Journal. 1986 (May 26). "Refining Technology: Substitute Materials to Replace Asbestos in Refinery-Service Gaskets and Packings." PennWell Publication. Tulsa, OK. Pp.47-51. **1755 SEE B6-129**

566. *Palmetto Packing. S Matt. 1987 (January 7 and 19). North Wales, PA. Transcribed telephone conversations with L Carlson, ICF, Inc. **2110 SEE B6-131**

567. Union Carbide Corp. P. Petrunich. 1987 (March 4). Cleveland, OH. Letter with enclosures addressed to T Bansal, ICF, Inc. **2109; SEE B6-132**

* ICF listed these conversations as occuring on January 8 and January 19, 1986.

VOLUME III -- APPENDIX (SCHEDULE) I - ASBESTOS PACKINGS

568. ASTM. 1982. Annual Book of ASTM Standards: Part 32. Textiles -- Yarns, Fabrics, and General Test Methods. American Society for Testing and Materials. Philadelphia, PA. **See B_6-531**

569. Chemical Engineering. October 27, 1986. Asbestos Users Step Up Search for Substitutes. McGraw-Hill. **1736; SEE B6-124**

570. AW Chesterton. 1982. Product Literature on Sealing Devices. **Available from AW Chesterton.**

571. AW Chesterton. 1983. Product Literature on Environmental Packings. **Available from AW Chesterton.**

572. John Crane. 1987. Production literature on asbestos and non-asbestos packing materials. **Available from John Crane.**

573. EPRI. 1982. Valve Stem Packing Improvement Study. Electric Power Research Institute. Boston, MA. EPRI NP-2560. **1727**

574. FSA. 1983. Compression Packings Handbook. Fluid Sealing Assn. **1726**

575. GCA Corp. 1980. Asbestos Substitute Performance Analysis. Submitted to OPTS, USEPA in partial fulfillment of EPA Contract No. 68-02-3168. **EPA responsibility. Never received.**

576. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **B_{1a}-4b**

577. ICF, Inc. 1986a (July-December). Survey of Primary and Secondary Processors of Asbestos Packing. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX XXVIII

578. ICF, Inc. 1987 (March 30). Memo to C Augustyniak, OPTS, USEPA. Accounting for Non-Respondents. **See B_6-127**

579. Kirk-Othmer. 1981. "Packing Material" Encyclopedia of Chemical Technology. Volume 16. John Wiley and Sons. New York, NY. **1753; SEE B6-563**

580. Klein, J. Consultant. 1987 (June 23). Transcribed telephone conversation with M Wagner, ICF, Inc. **2111**

581. Krusell N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. EPA Contract 68-02-3168. **B_{2a}-6**

582. Monsanto Co. 1987. Product Literature on phosphate fiber based products. **Available from Monsanto Co.**

583. Oil and Gas Journal. May 26, 1986. "Refining Technology: Substitute Materials to Replace Asbestos in Refinery-Service Gaskets and Packings." PennWell Publication. Tulsa, OK. Pp.47-51. **1755 SEE B6-129**

584. Palmetto Packing*. S Matt. 1987 (January 7 and 19). North Wales, PA. Transcribed telephone conversation with L Carlson, ICF, Inc. **2110 SEE B6-131**

585. TSCA Section 8(a) Submission. 1982a. Production Data for Primary asbestos Processors., 1981. OPTS, USEPA. ICF Doc. Control No. 4235-3. **NOT AVAILABLE.**

586. Union Carbide Corp. P Petrunich. 1987 (March 4). Cleveland, OH. Letter with enclosures addressed to T Bansal, ICF, Inc. **2109. SEE B6-132**

* ICF listed these conversations as occuring on January 8 and January 19, 1986.

VOLUME III -- APPENDIX F.XXIX - ROOF COATINGS & CEMENT - (587-606)

587. American Fillers & Abrasives Inc. E Neckerman. 1986 (October 30). Bangor, MI. Transcribed telephone conversations with J Obaditch, ICF, Inc. **2144**

588. American Tar Co. D Distler. 1986 (July-December). Seattle, WA. Transcribed telephone conversations with J Obaditch and P. Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

589. BF Goodrich Co. R. Hefner. 1986 (July-December). Akron, OH. Transcribed telephone conversations with J Obaditch and P Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

590. Cabot Corp. S. Jesseph. 1986 (October 28). Tuscola, IL. Transcribed telephone conversation with J. Obaditch, ICF, Inc. **2145**

591. Columbia Paint Corp. R. Flowers. 1986 (July-December). Huntington, WV. Transcribed telephone conversations with J. Obaditch and R Hollander, ICF, Inc. **Submitted to CBI Docket.**

592. Coopers Creek Chemical Co. A. Morris. 1986 (July-December). West Conshohocken, PA. Transcribed telephone conversations with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

593. Custom Fibers California. 1986. Product Literature. Asbestos Replacement Fibers for Industry. Benecia, CA. **Available from Custom Fibers California.**

594. Custom Fibers International. P Tillish. 1986 (November 3). Los Angeles, CA. Transcribed telephone conversation with J Obaditch, ICF, Inc. **2146**

595. Douglas Chem. Co. Inc. M. Clarke. 1986 (July-December). Richmond, VA. Transcribed telephone conversations with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XXIX

596. Engelhard Corp. (Undated). Product Literature. Attagel(R)-36 Asphalt Thickener For Use In Cutback Coatings. Menlo Park, NJ. **Available from Engelhard Corp.**

597. Floridin Co. 1986. Product Literature. Min-U-Gel(R) AR - A Specialty Attapulgite Thickener For Asphalt Cutbacks. Berkeley Springs, WV. **Available from Floridin Co.**

598. Gardner Asphalt Corp. A Perry. 1986(July-December). Tampa, FL. Transcribed telephone conversations with E Crabtree and Obaditch, ICF, Inc. **Submitted to CBI Docket.**

599. Gibson-Homans Corp. J. Slovski. 1986 (July-December). Twinsburg, OH. Transcribed telephone conversations with E Crabtree and J Obaditch, ICF, Inc. **Submitted to CBI Docket.**

600. Hercules Inc. 1983 (April 11). Wilmington, DE. Letter to C Carter, USGSA. Office of Federal Supply and Services, Washington, DC. **SEE E-55(b)**

601. ICF, Inc. 1986a (July-December). Survey of Primary and Secondary Processors of Asbestos Roof Coatings and Cements. **Submitted to CBI Docket.**

602. Krussel N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. EPA Contract No. 68-02-3168. **B_{2a}-6**

603. Midwest/Gulf States Inc. B Reed. 1986 (July-December). Chicago, IL. Transcribed telephone conversations with M Geschwind, ICF, Inc. **Submitted to CBI Docket.**

604. Minifibers Inc. R Lawson. 1986a (November 3). Johnson City, TN. Transcribed telephone conversation with J Obaditch, ICF, Inc. **2147**

605. Minifibers Inc. 1986b. Product Literature. Minifibers. Johnson City, TN. **Available from Minifibers Inc.**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.XXIX

606. Missouri Paint & Varnish. A Gross. 1986 (July-December). St. Louis, MO. Transcribed telephone conversations with M Geschwind and J Obaditch, ICF, Inc. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XXX - NON-ROOFING ADHESIVES, SEALANTS, COATINGS (607-626)

607. American Fillers & Abrasives Inc. E Neckerman. 1986 (October 30). Bangor, MI. Transcribed telephone conversation with J Obaditch, ICF, Inc. **2144 SEE B6-587**

608. Cabot Corp. S Jesseph. 1986 (October 28). Tuscola, IL. Transcribed telephone conversation with J Obaditch, ICF, Inc. **2145; SEE B6-590**

609. Contech Inc. L Labelle. 1986 (July-December). Mattawan, MI. Transcribed telephone conversations with R Hollander, ICF, Inc. **Submitted to CBI Docket.**

610. Dayton Chemicals Div. D. Eby. 1986 (July-December). West Alexandria, OH. Transcribed telephone conversations with J Obaditch and R Hollander, ICF, Inc. **Submitted to CBI Docket.**

611. DuPont, Co. J Lynn. 1986 (June 25). Wilmington, DE. Comments provided to Docket No. EPA OPTS-62036. **E-40.1**

612. Engelhard Corp. (Undated). Product Literature. Attagel(R)-36 Asphalt Thickener for Use In Cutback Coatings. Menlo Park, N.J. **Available from Englehard Corp.**

613. Flamemaster Corp., The. 1986 (July-December). Transcribed telephone conversations with J Obaditch and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

614. Floridin Co. 1986. Product Literature. Min-U-Gel(R) AR - A Specialty Attapulgite Thickener For Asphalt Coatings. Berkeley Springs, WV. **Available from Floridin Co.**

615. Gibson-Homans Corp. J Slovski. 1986 (July-December) Twinsburg, OH. Transcribed telephone conversations with J. Obaditch And E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

616. Hercules Inc. (n.d.). Product Literature. Pulpex(R) for Adhesive and Coatings Applications. Wilmington, DE. **Available from Hercules Inc.**

VOLUME III -- APPENDIX F.XXX

617. Hysol Aerospace & Indust. Adhesives Div. D Jackson. 1986 (July-December). Transcribed telephone conversations with J Obaditch and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

618. ICF, Inc. 1986a (July-December). Survey of Primary and Secondary Processors Of Asbestos Non-Roofing Adhesives, Sealants and Coatings. **Submitted to CBI Docket.**

619. Krussel N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. EPA 68-02-3168. **SEE B_{2a}-6**

620. Mameco International. H Myers. 1986 (July-December). Cleveland, OH. Transcribed telephone conversations with J Obaditch and M Geschwind, ICF, Inc. **Submitted to CBI Docket.**

621. MiniFibers Inc. 1986. Product Literature. Minifibers. Johnson City, TN. **Available from Minifibers Inc.**

622. National Paints and Coatings Assn (NPCA). R. Conner. 1986 (October 21). Transcribed telephone conversation with J Obaditch, ICF, Inc. **2148**

623. Palmer Products Corp. S Palmer-Ball. 1986 (July-December). Louisville, KY. Transcribed telephone conversations with J Obaditch and M Geschwind, ICF, Inc. **Submitted to CBI Docket.**

624. Pecora Corp. W Waters. 1986 (July-December). Harleysville, PA. Transcribed telephone conversations with J Obaditch and P Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

625. Riverain Corp. J Durst. 1986 (July-December). Dayton, OH. Transcribed telephone conversations with J Obaditch and P Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

626. Widger Chemical Corp. J Montgomery. 1986 (July-December). Warren, MI. Transcribed telephone conversations with J Obaditch, ICF, Inc. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XXXI - ASBESTOS REINFORCED PLASTICS (627-650)

627. Ametek/Lamb Electronic Div. Davenport. 1986 (July-December). Cambridge, OH. Transcribed telephone conversations with P Tzanetos and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

628. Automotive News: 1985 Market Data Book, "Reinforced Plastics Shipments By Markets." p. 82. **Available at GWU Library**

629. Celanese Engineering Resins. Garza. 1986 (July-December). Bishop, TX. Transcribed telephone conversations with R Hollander and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

630. Great Lakes Carbon. Mr. Peters. 1986 (October 16). Rockwood, TN. Transcribed telephone conversation with E Crabtree, ICF, Inc. **2149** [**Best copy available**]

631. The Hoover Co. AR McMullen. 1986 (July-December). North Canton, OH Transcribed telephone conversations with E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

632. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **B_{1a}-4b**

633. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE.**

634. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Asbestos-Reinforced Plastic. **Submitted to CBI Docket.**

635. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Asbestos-Reinforced Plastic. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XXXI

636. Krusell N, D Cogley. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. OPTS, USEPA. EPA Contract 68-02-3168. **B_{2a}-6**

637. Magnolia Plastics Inc. Andrews. 1986 (July-December). Chamblee, GA. Transcribed telephone conversations with M Geschwind and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

638. Meriden Molded Plastics Inc. Grossman. 1986 (July-December). Meriden, CT 06450. Transcribed telephone conversations with M Geschwind and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

639. Modern Plastics, July 1985. **Available at GWU Library**

640. Narmco Materials Inc. Confer. 1986 (July-December). Anaheim, CA. Transcribed telephone conversations with M Geschwind and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

641. Raymark Corp. Houser. 1986 (July-December). Manheim, PA. Transcribed telephone conversations with P Tzanetos and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

642. Relmech Mfg. Dueck. 1986 (December 1). Elmyra, Canada. Transcribed telephone conversation with E Crabtree, ICF, Inc. **2150**

643. Resinoid Engrg. Corp. Denes. 1986 (July-December). Skokie, IL. Transcribed telephone conversations with P Tzanetos and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

644. Rogers Corp. Whitely. 1986 (July-December). Manchester, CT. Transcribed telephone conversations with P Tzanetos and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XXXI

645. Rostone Div. Allan-Bradley Co. Mr. Floyd. 1986 (July-December). Layfayette, IN. Transcribed telephone conversations with P Tzanetos and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

646. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors., 1981. To OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

647. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors, 1981. OPTS, USEPA. **NOT AVAILABLE.**

648. United Technologies, Chem. Sys. St. Green. 1986 (July-December). San Jose, CA. Transcribed telephone conversations with J Obaditch and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

649. The West Bend Co. ET Hackney. 1986 (July-December). West Bend, WI. Transcribed telephone conversations with J Obaditch and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

650. World Plastics Directory, 1986. i.e. **Available GW library.**

VOLUME III -- APPENDIX F.XXXII - MISSLE LINER (651-657)

651. BF Goodrich, Inc. W Koles. 1986 (July-September). Akron, OH. Transcribed telephone conversation with P Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

652. Hercules, Inc. K Anglin. 1986 (July-November). McGregor, TX. Transcribed telephone conversations with E Crabtree and P Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

653. ICF, Inc. 1984. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE**

654. ICF, Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos Missile Liner. **Submitted to CBI Docket.**

655. Morton Thiokol Corp. W Lucas. 1986 (July-October). Elkton, MD. Transcribed telephone conversations with J Obaditch and P Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

656. Olin Corp. 1986. Marion, IL 62959. Completed Survey of Primary Processors of Asbestos sent to P Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

657. Uniroyal, Inc. R Carpenter. 1986 (July-October). Mishawaka, IN. Transcribed telephone conversations with J Obaditch and P Tzanetos, ICF, Inc. **Submitted to CBI Docket.**

VOLUME III -- APPENDIX F.XXXIII
EXTRUDED SEALANT TAPE
(658-671)

658. Concrete Sealants, Inc. RJ Haman. 1986 (July-December). New Carlisle, OH 45344. Transcribed telephone conversations with R Hollander and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

659. **(US)** DOT , Ntl. Highway Transport. Safety Bd., Office of Vehicle Safety Standards. Wm Smith. 1986 (November 24). Washington, DC. Transcribed telephone conversation with E Crabtree, ICF, Inc. **Missing telephone log - reconstructed at 2285**

660. Elixir Industries. P Elswick. 1986 (July-December). Elkhart, IN. Transcribed telephone conversations with E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

661. Essex Specialty Products. P Elswick. 1986 (December 12). Clifton, NJ. Transcribed telephone conversation with E Crabtree, ICF, Inc. **Missing telephone log - reconstructed at 2286**

662. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. **(B_{1a}-4b)**

663. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE.**

664. ICF, Inc. 1986a (July-December). Survey of Primary Processors of Asbestos-Reinforced Plastic. **Submitted to CBI Docket.**

665. ICF, Inc. 1986b (July-December). Survey of Secondary Processors of Asbestos-Reinforced Plastic. **Submitted to CBI Docket.**

666. MB Associates. T Depaulif. 1986 (December 9). Detroit, MI. Transcribed telephone conversation with E Crabtree, ICF, Inc. **Missing telephone log - reconstructed at 2287**

VOLUME III -- APPENDIX F.XXXIII

667. Parr Inc. J Burry. 1986 (December 9). Cleveland, OH. Transcribed telephone conversation with E Crabtree, ICF, Inc. **2288**

668. Protective Treatments Inc. S Short. 1986 (July-December). Dayton, OH. Transcribed telephone conversations with P Tzanetos and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

669. Tremco Inc. DL Trimble. 1986 (July-December). Columbus, OH. Transcribed telephone conversations with J Obaditch and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

670. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors. 1981. To OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

671. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors. 1981. To OPTS, USEPA. EPA Document Control No. 20-8670644. **NOT AVAILABLE.**

SUPPORT REFERENCES
B6 FILE

VOLUME III -- APPENDIX F.XXXIV
ASBESTOS SEPARATORS IN FUEL CELLS AND BATTERIES
(672-679)

672. Bureau of Mines, USDOI 1986. "Mineral Commodity Summaries". **1752; SEE B6-152**

673. Eagle-Pitcher Industries, Inc. R Cooper. 1986 (July-December). Joplin, MO 64801. Transcribed telephone conversations with E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

674. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. ETD, OPTS, USEPA. **B_{1a}-4b**

675. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. Washington, D.C.: OPTS, USEPA. **NOT AVAILABLE.**

676. ICF, Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos-Reinforced Plastic. **Submitted to CBI Docket.**

677. Power Systems Div. H Hecht. 1986 (July-December). South Windsor, CT 46224. Transcribed telephone conversations with P Tzanetos and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

678. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors. 1981. To OPTS, USEPA. ICF DCN Document Control No. 4235-3. **NOT AVAILABLE.**

679. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors. 1981. To OPTS, USEPA. **NOT AVAILABLE.**

VOLUME III -- APPENDIX F.XXXV - ASBESTOS ARC CHUTES (670-687)

680. Bureau of Mines, USDOI. 1986. "Mineral Commodity Summaries." **1752; SEE B6-152**

681. GE Co. R York. 1986 (July-December). PA 19142. Transcribed telephone conversations with E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

682. ICF, Inc. 1984a. Appendix H: Asbestos Products and Their Substitutes, in: Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. OPTS, USEPA. CBI Document Control 20-8600681 or **B_{1a}-4b**

683. ICF, Inc. 1984b. Imports of Asbestos Mixtures and Products. OPTS, USEPA. **NOT AVAILABLE.**

684. ICF, Inc. 1986 (July-December). Survey of Primary and Secondary Processors of Asbestos-Reinforced Plastic. **Submitted to CBI Docket.**

685. Meriden Molded Plastics. Robert Grossman. 1986 (July-December). Meriden, CT. Transcribed telephone conversations with M Geschwind and E Crabtree, ICF, Inc. **Submitted to CBI Docket.**

686. TSCA Section 8(a) Submission. 1982a. Production Data for Primary Asbestos Processors. 1981. OPTS, USEPA. ICF Document Control No. 4235-3. **NOT AVAILABLE.**

687. TSCA Section 8(a) Submission. 1982b. Production Data for Secondary Asbestos Processors. 1981. To OPTS, USEPA. **NOT AVAILABLE.**

SUPPORT REFERENCES
B_7-File

Asbestos Exposure Assessment. Revised Report.
(March 21, 1988)

List of References

Explanatory Key/Availability of Documents

Unless otherwise indicated, all materials are available at the Public Information Section (PINS), Public Docket Office for Toxic Substances, HQ USEPA, Room GOO4, NE Mall. 401 M Street, SW, Washington DC, 20460. (202) 382-3604.

SR = Secondary References in the text "as cited in .....". Not required for the public record.

OPPTS = Office of Toxic Substance Chemical Library, Chemical Information Center. HQ USEPA, Room B002, NE Mall, 401 M Street, SW, Washington DC, 20460. (202) 260-3944.

CBI = Confidential Business Information as defined by the Toxic Substance Control Act.

SS = Secondary Source Documents - Not required for the public record.

Four digit numbers i.e. 1815, 1816 etc. are EPA log numbers.

B_3, B_4, B_5, etc. are file designations within this docket.

CBI = TSCA Confidential Business Information. Filed in TSCA CBI files.

Support References
B_7-FILE

1. Aherne J. 1980. Evaluation of Asbestos Exposure from Asbestos-Roofing Removal Operations. Submitted to Professor Lester Levin, Dept. of Industrial Hygiene, Drexel Univ. October 27, 1980. **1815**

2. AIA. 1986. Asbestos Information Assn. Response to EPA, OAQPS. Letter from Kenneth E. Nyquist of AIA to Jack Farmer of EPA. March 21, 1986. **1816**

3. Air Resources Board (State of California). 1986. Technical Support Document. Public hearing to consider the adoption of a regulatory amendment identifying asbestos as a toxic air contaminant. **1817**

4. Anderson PH, Grant MA, McInnes RG, Farino WJ. 1982. GCA Corporation. Analysis of Fiber Release from Certain Asbestos Products. Draft Final Report. Washington, D.C.: Prepared for OPTS, USEPA. Contract 68-01-5960. **SEE B_9-1**

5. Anderson et al. 1983. Asbestos Industry Profile, Trends and Outlook, and Substitute Products Analysis. Draft Report. OPTS, USEPA. **SEE B5-2**

6. Argonne National Laboratory. 1981 (December 7). Asbestos Fiber Measurements during the Nilfisk Power and Vacuum Demonstration (August 30, 1979). Memo received by GCA/Technology Division, from Bruce Newman, Nilfisk of America, Inc., King of Prussia, PA. **Cited in B_5-3, Anderson, et al, 1982.**

7. Asbestos Information Assn./North America. Undated. Recommended Work Practice Procedures for Asbestos-Cement Sheet. Submittal to USEPA, OTS, in response to Commercial and Industrial Use of Asbestos Fibers: Advance Notice of Proposed Rulemaking. [EPA Docket Number OTS 61005.] **Cited in B_5-3, Anderson, et al, 1982.**

8. ASHRAE Handbook. 1977. American Society of Heating, Refrigerating and Air Conditioning Engineers. New York, New York. Chapter 21, Infiltration and Ventilation. **2299**

9. ATA. 1985, 1987. American Trucking Assn. Telephone conversation with Mr. Larry Strawhorn, Engineering, Alexandria, VA, on December 13, 1985. **1818**

9.1 ATA. 1987. American Trucking Assn. Telephone conversation with Mr. Larry Strawhorn, Engineering, Alexandria, VA, on February 4, 1987. **1819**

10. Augustyniak CM. 1987 (July). ETD, OPTS, USEPA. "Choice of Summary Statistic for Exposure Work Relating to Asbestos Ban/Phasedown." Memorandum to Elizabeth Margosches of the EED, OPTS, USEPA. **1820**

11. Autio JE. 1986. Mine Safety and Health Specialist, Mine Safety and Health Administration. Telephone conversation on November 12, 1986. **1821**

12. Axetell K, Jr., Cowherd C. 1984. Improved Emission Factors for Fugitive Dust from Western Surface Coal Mining Sources. Prepared by PEDCo Environ., Inc. and MRI for OAQPS, USEPA, Environmental Research Laboratory in Cooperation with the Office of Surface Mining. Publication No. EPA-600/7-84-048. March 1984. **1822**

13. Ayer HE, Lynch JF, Fanney JH. 1965. "A Comparison of Impinger and Membrane Filter Techniques for Evaluating Air Samples in Asbestos Plants." Ann. NY Acad Sci 132:274-287. **1823**

14. Beattie J, Knox JF. 1961. "Studies of Mineral Content and Particle Size Distributions in the Lungs of Asbestos Textile Workers." In Inhaled Particles and Vapours. (CN Davies, ed.), Pergamon Press, Oxford, England. **[Secondary Source] DID NOT RECEIVED FROM ICF.**

15. Bloomfield JJ, Dallavalle JM. 1935. "The Determination and Control of Industrial Dust." Public Health Bull. 217. **Ayer et al, 1965 NOT AVAILABLE**

16. Bollinger N. 1987. Representative, NIOSH Safety Research. Telephone conversation on February 6, 1987. **1824**

17. Bragg G. 1986 (June 29). Exposure to Asbestos: An Analysis of the Technical Aspects of the Environmental Protection Agency Proposal to Ban and Phase Out Asbestos. Contained in Vol III of AIA public comments as submitted by Kirkland and Ellis, Counsel for AIA. **SEE E-67d(4)**

18. Calaveras Asbestos, Ltd. 1987. Telephone conversations with Joey Toney, Director - Environmental Affairs, Copperopolis, CA during March 1987. **1825 a,b,c,d [18.101 = 1825a; 18.102 = 1825b; 18.103 = 1826; 18.104 = 1827]**

19. Canadian Asbestos Information Center (A.I.C.). 1979. Brochure explaining the use of asbestos flooring products. **1828**

20. Cha S, Carter P. 1982. Estimation of Urban Automobile Brake Emissions through Simulation of Wear Dynamics. Submitted to Mobile Source Emissions Research Branch, Environmental Science Research Laboratory, USEPA RTP, NC, under Contract 68-02-2566. RTP, NC: Northrop Services, Inc., Environmental Sciences, p. 1. **1829**

21. Chatfield EJ. 1983. "Measurements of Asbestos Fiber Concentrations in Ambient Atmospheres. Study No. 10." Report of the Royal Commission on Matters of Health and Safety Arising from the Use of Asbestos in Ontario. Ontario Ministry of Government Services, Publication Services Branch, Toronto, Ontario, Canada. **SEE O-08**

22. Chemical Business. 1985 (September). "Chlorine/Caustic: Anatomy of a Struggle." **1830**

23. Chemical Engineering. 1976. "New Signs Point to Wider Use of Synthetic- Membrane Chlor-alkali Cells." (March 29):61. **See:B_6-195. 2142**

24. Chemical Engineering. 1986. "Makers of Gaskets, Packing Try Asbestos Replacement." October 27:23-25. **1831**

25. Chemical Week. 1982. "A Revolution in Chlor-alkali Membranes." November 17, 1982:35-36. **Filed with B_6-198. 1762**

26. Chemical Week. 1985. "Better Times for Chlor-alkali in 1986." (February 1):28. **Filed with B_6-200. 1772**

27. Chemical Week. 1986. "Dow Shuts Some Chlorine Capacity." (July 23):24. **Filed with B_6-202. 1771**

28. Chilton Book Co. 1987. Telephone conversation with Mr. Robert McAnally, Editor, Radnor, PA, on February 4, 1987. **1832**

29. Chlorine Institute. 1986a. Comments of the Chlorine Institute, Inc. The Chlorine Institute, Inc. 70 West 40th Street, New York, NY. June 30, 1986. **SEE E-68a**

30. Chlorine Institute. 1986b. Questionnaire to the Chlorine Institute. 7pp. The Chlorine Institute, Inc., 70 West 40th Street, New York, NY. Docket OPS 62036. With Letter from ET Lanbusch, Chlorine Inst. to EA Klein, TAO, OPTS, USEPA. Subbject: Responset to EPAs Questions re: Substitutes and Alternative Technology, Worker Exposure. (1986):1p. **1833**

31. Clarke G. 1986. "Certainteed in Profile: Tackling the Asbestos Cement Dilemma." Industrial Minerals. April 1986. **1834**

32. Coats V. 1983. Vulcan Materials. Telephone conversation on July 1, 1983. **B_3-Vol II-H-45**

33. Cogley D et al. 1981 (May). The Experimental Determination of Asbestos Fiber Size Distribution During Simulated Product Use. Final Report. Prepared by GCA/Technology Division for OPTS, USEPA. **Secondary source cited in B_5-3**

34. Commins BT. 1985. The Significance of Asbestos and Other Mineral Fibers in Environmental Ambient Air. Scientific and Technical Report. STR 2. Commins Associates, Berkshire, England. **1835**

35. CONSAD. 1984. CONSAD Research Corporation and Clayton Environmental Consultants, Inc. Asbestos Task Order for Construction Alternatives. Final Report. Washington, D.C.: Occupational Safety and Health Administration, U.S., Department of Labor. Contract J-9-F-4-0024. **2303**

36. Cordova B. 1987. Telephone conversation between Bob Cordova, Environmental Division of J-M Sales Corp., Denver, CO, and ICF Inc., April 6, 1987. **1836**

37. CPSC. 1983. Chronic Hazard Advisory Panel on Asbestos. Directorate for Health Sciences, Washington, D.C. (OSHA EX 84-256). **B_{1a}-001**

38. Diamond Shamrock. 1986 (June 26). Letter [Public Comment] to USEPA from Diamond Shamrock Chemicals Co., Irving, TX. **SEE E-37**

39. Donahue R. 1987. Telephone conversation between Robert Donahue, Safety Superintendent, Occidental Chemical Corp., Tacoma, WA, and ICF Inc., April 8, 1987. **1837**

40. Dunnigan J, LeBel J. 1985. Asbestos Exposure in the Workplace: Recent Data for Asbestos Roofing felt Handling and Relationship to the Existence of a Threshold. New Orleans, LA. February 10-13, 1985. National Roofing Contractors Association, 98th Annual Convention. **1838**

41. Durham J. 1987. Telephone conversation between Joe Durham, Compliance Officer at OSHA Atlanta area office and ICF Incorporated, February 9, 1987. **1839**

42. Edminster D. 1987. Telephone conversation between Dave Edminster, Quality Assurance Manager, Lydall Inc., Covington, TN, and ICF Inc., April 7, 1987. **1840**

43. EPA. 1977. Compilation of Air Pollutant Emission Factors. Section 11.2. Fugitive Dust Sources. EPA Publication No. AP-42, Part B. Research Triangle Park, North Carolina. August 1977. **1968**

44. EPA. 1982. Summary of information collected under the asbestos reporting regulation (40 CFR Part 763, Subpart D). **SUBMITTED TO CBI**

45. EPA. 1985a (May). Asbestos Waste Management Guidance: Generation, Transport, Disposal. OSW, USEPA. **1841**

46. EPA. 1985b (December). Report to Congress: Wastes from the Extraction and Beneficiation of Metallic Ores, Phosphate Rock, Asbestos, Overburden from Uranium Mining, and Oil Shale. OSWER, USEPA. **1846**

47. EPA. 1986a (July 29). EPA Memo entitled "Methodology for Calculating Asbestos Emission Rates from Section 8(a) Data." Exposure Assessment Branch, EPA. **1847**

48. EPA. 1986b (June 17). EPA Memo entitled "8(a) Asbestos Aggregate Statistics Report." Intra-agency memorandum from S. Shapiro to D. Devoe, Confidential Data Branch, IMD, OTS. **SEE B2a-4**

49. EPA. 1986c. Telephone conversations with John Copeland, OAQPS, RTP, NC during October 1986. **49a/49b 1848/1849**

50. EPA. 1986d. Asbestos Waste Estimates. OAQPS, RTP, NC. **1850**

51. EPA. 1986e (July 1). "National Emission Standards for Asbestos -- Protection of the Environment." 40 CFR Part 61, Subpart M. **1851**

52. EPA. 1986f (July 15). National Emission Standards for Asbestos -- Background Information for Proposed Standards. Emission Standards and Engineering Division, Research Triangle Park, NC. **Earlier Draft of 1987 1852**

53. EPA. 1986g. Airborne Asbestos Health Assessment Update. Washington, D.C.: USEPA. EPA/600/8-84/003F. **1853**

54. EPA. 1987 (January 8). Telephone conversation with John Copeland of EPA. OAQPS, RTP, NC. **54a/54b 1854/1855**

55. EPA. (Undated. Exposure to Asbestos from Secondary Processing. **SUBMITTED TO CBI**

56. Equitable Environmental Health, Inc. 1977 (December 15). Dust Exposures during the Cutting and Machining of Asbestos/Cement Pipe, Additional Studies. Prepared for the A/C Pipe Producers Association. OSHA Docket No. H-033C, Exhibit No. 84-279. **1856**

57. Evans J, Cooper D. 1980. "An Inventory of Particulate Emissions from Open Sources." J. of the Air Poll. Cont. Assn. 30:12. (December 1980). **1857**

58. Fenner E. 1980. Correspondence between Edmund Fenner, Vice President of Health, Safety, and Environment Dept., Johns-Manville Sales Corp., and Lester Levin, Drexel University, on January 14, 1980 [w/enclosure: (1) Airborne Fiber Concentrations Asbestos Roofing Felt Installation and Tear Off.] **1842**

59. Freimanis I. 1981. "Packing Materials." In: Kirk-Othmer Encyclopedia of Chemical Technology, Third Edition. Vol. 16. New York: John Wiley & Sons, pp. 725-742. **OPPTS Library**

60. Hammond YY, Diem J, Weill H. 1979. "Evaluation of Dust Exposure in Asbestos Cement Manufacturing Operations." Am. Ind. Hyg. Assoc. J. 40:490-495 (OSHA Ex. 84-248). **1858**

61. Hendrickson G, Doria J. 1983 (April 29). Versar Inc. Asbestos 8(a) data evaluation. Memo to M. Callahan and L. Delpire, U.S. EPA. **SUBMITTED TO CBI.**

62. Hunter Publishing Co. 1985. Service Job Analysis. Des Plaines, IL: Hunter Publishing Co., pp. 24-25. **1859**

63. Hunter Publishing Co. 1986. Telephone conversation with Mr. Gene Zack, Promotion and Research Manager, Des Plaines, IL, on November 26, 1986. **1860**

64. Hwang CY. 1981 (July). Size and Shape of Airborne Asbestos Fibers in Mining and Mineral Processing Environments. Thesis submitted to the Faculty of Graduate Studies in partial fulfillment of the requirements of Doctor of Philosophy. Department of Mining and Metallurgical Engineering. McGill University. Montreal, Quebec. **1861**

65. ICF. 1984. Asbestos Products and their Substitutes. Washington, D.C. prepared for OPTS, USEPA. July 3, 1984. **B_{1a}-4b**

66. ICF. 1986a. Potential Occupational Exposure to Durable Fibers Due to Substitution for Asbestos Fibers. Prepared for ETD, OPTS, USEPA. Washington, D.C. **2300**

67. ICF. 1986b. Durable Fiber Exposure Assessment. Prepared for Monica Chatmon, ETD, OPTS, USEPA, Washington, D.C. **SEE B_{2c}-04 2062**

68. ICF. 1987. Use and Substitutes Analysis for Asbestos. Draft report. **SEE B_{1c}-06. 2083c**

69.101 ICF Exposure Survey. 1986-1987. ICF survey on asbestos manufacturers for EPA to identify occupational exposure and air release information. **Ref numbers: 69.101 through 69.172**

69.201 ICF Exposure Survey ICF Survey Telephone Logs. **1920-1961 Ref numbers: 69.201 thru 69.244.**

70. ICF Market Survey. 1986-1987. ICF survey on asbestos manufacturers for EPA to identify 1985 production of asbestos products. **SUBMITTED TO CBI.**

71. IIT Res. Inst. 1981 (July). Characterizing Baghouse Performance to Control Asbestos Manufacturing Source Emissions. ORD, USEPA. EPA-68-03-2558. **1962**

72. Jacko MG, Rhee SK. 1978. "Brake Linings and Clutch Facings." In: Kirk- Othmer Encyclopedia of Chemical Technology, Third Edition. Vol. 4. NY: John Wiley and Sons, pp. 202-212. **AVAILABLE FROM OPPTS LIBRARY.**

73. Jenkins, J. 1985. "Asbestos Fibers Release from V/A Tile." From the NAC Journal, summer issue 1985. **1963**

74. Johns-Manville Corp. 1978 (November 8). Testimony prepared for a public hearing before the California Occupational Safety and Health Standards Board. Source of testimony unknown. Information supplied to GCA by Johns-Manville Corp., Denver, CO. **Cited in B_5-3, Anderson, et al, 1982**

75. Johns-Manville Corp. 1982. Submission of test results in letter of May 11, 1982 from James Reis, Director, Asbestos Policy, Johns-Manville Corp., Denver, CO to Marc Grant, GCA/Tech. Div. **Cited in B_5-3, Anderson, et al, 1982**

76. KCAC Inc. 1987. Telephone conversations with and letter to John Myers, Product and Production Manager, King City, CA during March 1987. **76.101 = 1964; 76.102 = 1965; 76.103 = 1966**

77. Kemmer WF, Hall FD. 1986 (October 23). Memo to Project File PN 3687-23: Plant Trip to Calaveras Asbestos, Ltd. 5pp. **1967**

78. Kirk-Othmer. 1984. Encyclopedia of Chemical Technology. John Wiley and Sons Pub. Co. New York, N.Y. **AVAILABLE FROM OPPTS LIBRARY.**

79. Krusell N, Cogley D. 1982. GCA Corp. Asbestos Substitute Performance Analysis. Revised Final Report. Wash., DC: OPTS, USEPA. Contract 68-02-3168. **See B_{2a}-6**

80. Lebel J. 1985 (January 22). [Letter to Z Ellis, Ellis Z Roofing Co., Ic. Subject: Results of Sampling to Measure Asbestos Emissions During Rip Out of Asbestos Roofing Felt. (1985):1p . With Enclosure:] Occupational Asbestos Exposure Data When Pulling Out Asbestos Roofing Felt. Jacques Lebel, Tech. Dir. of the Res. Div., Asbestos Inst. **1969**

81. Lebel J. 1987. Telephone conversation between Jacques Lebel, Technical Director, Sherbrooke University, Quebec, Canada, and ICF Inc. April 6, 1987. **1970**

82. Lynch JR, Ayer HE, Johnson DL. 1970. "The Inter-relationships of Selected Asbestos Exposure Indices." Am. Ind. Hyg. Assoc. J. 31:598-604. **1971**

83. Manosh H. 1986. President, Vermont Asbestos Group. Telephone conversation on November 14, 1986. **1972**

84. Means. 1983. Man-hour Standards. Kingston, MA: Robert Snow Means Company, Inc. **1973**

85. MSHA. 1986 (November 14). Personal Exposure Samples. Department of Labor, Mine Safety and Health Administration. **1974**

86. Murphy RL, et. al. 1971. "Floor Tile Installation as a Source of Asbestos Exposure." From the Am. Rev. of Resp. Dis., V 104. **Cited in B_{1a}-3, Versar, 1984.**

87. MVMA. 1986. Motor Vehicle Manufacturers Association. MVMA Motor Vehicle Facts and Figures '86. Detroit: MVMA. **1975**

88. Myers JL. 1985. Product and Production Manager, KCAC Inc. Letter to Jack Farmer, USEPA, on June 6, 1985. **1976**

89. Myers JL. 1986a. Product and Production Manager, KCAC Inc. Letter to Mark Wagner, ICF Inc., on October 21, 1986 w/[9] attachments. **1977**

(1) Letter from JL Myers, Calidria
To H Holmes, Secretary, CA Air Resources Bd
Subject: Transmittal of Information
(03/26/86):1p

(2) Myers JL. Mining and Milling. (February 14, 1986):2pp

89. Myers JL. 1986a. (Continued)

(3) State of CA, Air Resources Bd. Staff Report: Initial Statement of Reasons for Proposed Rulemkaing -- Public Hearing to Consider the Adoption of Aa REgulatory Amendment Identifying Asbestos as a Toxic Air Contaminant. (February 10 1986):3pp.

(4) Letter from RO Marsten, KCAC, Inc. To P Ayala, Air Resources Bd Subject: Asbestos Emissions (07/10/85):5pp.

(5) Myers JL. New Additatives Induce Thixotrophy, Provide SAG and Viscosity Control. Reprint of Paper Presented in May 1969 to the Western Coatings Technology Scoiety Meetings, Denver, Los Angeles, San Francisco, Portland, Seatle, and Vancover, BC. (May 1969):16pp.

90. Myers JL. 1986b. Product and Production Manager, KCAC Inc. Telephone conversation on November 17, 1986 and letter to JL Myers. **90.101 = 1978; 90.102 = 1979**

91. Myers JL. 1987. Product and Production Manager, KCAC Inc. Telephone conversation on February 17, 1987. 1p. **1980**

92. Myers WR. n.d. National Institute for Occupational Safety and Health. Strategy for recommending respirators for control of exposures to substances undergoing premanufacturing notice (PMN) review. Washington, D.C.: OPTS, USEPA. Contract No. EPA DW 75932235. **1981**

93. National Roofing Contractors Association Newsletter. 1974. Airborne Asbestos: Test Results. 2pp. **1982**

94. NIOSH, USDHEW. 1976. Revised Recommended Asbestos Standard. Cincinnati, OH: NIOSH. PB-273965. **1983**

95. NIOSH, USDHEW. 1977. Manual of Analytical Methods. 2nd Edition, Vol. 1, P&CAM No. 239. **NOT AVAILABLE.**

96. NIOSH, USDHEW. 1979a (August). Hazard Evaluation and Technical Assistance Report No. TA 79-31. Poole Construction Co., Denver, CO. **1984**

97. NIOSH, USDHEW. 1979b. National Institute for Occupational Safety and Health, Report No. 79-95-613. Federal-Mogul Corp., Gallipolis, OH. September 1979. **1985**

98. NIOSH, USDHEW. 1979c. Health Hazard Evaluation Report HE 78-73-612, Kentile Floors, Inc., Chicago, IL. **1986**

99.101 NIOSH, USDHEW. 1979d. Health Hazard Evaluation Report HE 78-71-633, Kentile Floors, Inc., Brooklyn, NY. NTIS. PB80-195308. **1987**

99.102 NIOSH, USDHEW. 1979e. Industrial Hygiene Assessment of Seven Brake Servicing Facilities. By P Johnson, RD Zumwalde, DR Roberts. Cincinnati, OH: NIOSH. **2054**

100. NIOSH, USDHEW. 1980a. Health Hazard Determination Report No. 79-151-657, Dearborn Rubber Corp., Westmont, IL. January 1980. **1988**

101. NIOSH, USDHEW. 1980b. Health Hazard Determination Report No. 78-79-736, Cissell Manufacturing Co., Louisville, KY. August 1980. **1989**

102.101 NIOSH, USDHEW. 1980c. Industrial Hygiene Report: Asbestos at Allied Brake Shop, Cincinnati, OH. By Roberts DR. Cincinnati, OH: PB81-241879. **1990**

102.102 NIOSH, USDHEW. 1980d. Industrial Hygiene Survey Report of the New York City Sanitation, Traffic, and Police Brake Servicing Facilities, Queens, New York. By DR Roberts, RD Zumwalde. Cincinnati, OH: **2055**

103. NIOSH, USDHHS. 1981a (January). Health Hazard Evaluation Report No. HETA 81-038-801. Hensel Phelps Construction Company, Greeley, CO. **1991**

104. NIOSH, USDHHS. 1981b. Health Evaluation Technical Assistance. HETA 81-407-993, Grundy Industries, Denver, CO. Springfield, VA: NTIS. PB8-18701. **1992**

105. NIOSH, USDHHS. 1982a (October). Walk-thru Survey Report of Calaveras Asbestos, Ltd. at Copperopolis, California. Cincinnati, Ohio. **1993**

106. NIOSH, USDHHS. 1982b. Industrial Hygiene Summary Report of Asbestos Exposure Assessment for Brake Mechanics. By Roberts DR, Zumwalde RD. Cincinnati, OH. **1994**

107. NIOSH, USDHHS. 1982c. Health Hazard Evaluation Report No. HETA 81-100-1140, Raybestos Friction Materials Co., Crawfordsville, IN. Springfield, VA: NTIS. PB84-139880. **1995b**

108. NIOSH, USDHHS. 1982d. Health Hazard Evaluation Technical Assistance Report No. HETA 82-270-1238, Drive Train Industries, Inc., Denver, CO. Cincinnati, OH. **1995a**

109. NIOSH, USDHHS. 1982e. Health Hazard Evaluation Technical Assistance Report No. HETA 81-477-1192, Grundy Industries, Inc., Joliet, IL. Springfield, VA: NTIS. **1996**

110. NIOSH, USDHHS. 1983a. Health Hazard Evaluation HETA Report No. 83-275-1394. Kautt & Bux Manufacturing, Mundelein, IL. December 1983. **1997**

111. NIOSH, USDHHS. 1983b. Health Hazard Evaluation HETA Report No. 79-040-1381. Pennwalt Corp., Portland, OR. October 1983. **1998**

112. NIOSH, USDHHS. 1983c. Walk-Through Survey Report, Control Technology for Celotex Corporation, Perth Amboy, NJ. Springfield, VA: NTIS. PB84-184597. **1999**

113. NIOSH, USDHHS. 1984a. In-Depth Survey Report: Control Technology for Solids Material Handling at General Motors Corporation, Inland Division, Vandalia, OH. Springfield, VA: NTIS. PB85-221265. **2000**

114. NIOSH, USDHHS. 1984b. Health Hazard Evaluation Report HETA 84-028-1517, Drive Train Industries, Inc., Albuquerque, NM. Springfield, VA: NTIS. PB85-208353. **2001**

115. NIOSH, USDHHS. 1984c. In-Depth Survey Report, Control Technology for Richard Klinger, Inc. Cincinnati, OH: Report #144-15b. **2002**

116. NIOSH, USDHHS. 1984d. Health Hazard Evaluation Report No. HETA 83-438-1479, Grundy Industries, Inc., Joliet, IL. Springfield, VA: NTIS. PB85-220960. **2003**

117. NIOSH, USDHHS. 1984e. Health Hazard Evaluation Report HETA 84-074-1476, Grundy Industries, Inc., Denver, CO. Springfield, VA: NTIS. PB85-187698. **2004**

118. NIOSH, USDHHS. 1984f. Health Hazard Evaluation HETA Report No. 82-280-1407. Hoover Co., North Canton, OH. January 1984. **2005**

119. NIOSH, USDHHS. 1985a (May). Health Hazard Evaluation Report No. HETA 84-321-1590, Asbestos Shingle Tear-Off. Rockford, Illinois Sampled on May 12, 1984. **2006**

120. NIOSH, USDHHS. 1985b. Health Hazard Evaluation Report HETA 84-151-1544, Nuturn Corp., New Castle, IN. Springfield, VA: NTIS. PB86-138724. **2007**

121. NIOSH, USDHHS. 1985c. Health Hazard Evaluation Report HETA 84-368-1624, FMC Corporation, San Jose, CA. Springfield, VA: NTIS. PB86-191269. **2008**

122.101 NIOSH, USDHHS. 1987a. In-depth Survey Report: Evaluation of Brake Drum Service at United States Postal Service Vehicle Maintenance Facility, Nashville, Tennessee. By FW Godbey et al. Cincinnati, OH: Report No. ECTB152-20b. [With Letter from JW Sheehy to V Kvmar, ETD, OPTS, USEPA]. **2056**

122.102 NIOSH, USDHHS. 1987b. In-depth Survey Report: Evaluation of Brake Drum Service Controls at Cincinnati Bell Maintenance Facility, Fairfax, Ohio. By JW Sheehy, WF Todd, TC Cooper, HD Van Wagenen. Cincinnati, OH: Report No. ECTB152-21b.[With Letter from JW Sheehy to V Kvmar, ETD, OPTS, USEPA]. **2057**

122.103 NIOSH, USDHHS. 1987c. In-depth Survey Report: Control Technology for Brake Drum Service Operations at Ohio Department of Transportation Maintenance Facility, Lebanon, OH. Cincinnati, OH: Report No. ECTB 152-18b. **2009**

123. NOAA. 1979. Local Climatological Data, Annual Summaries for 1979. National Oceanic and Atmospheric Administration, Environmental Data and Information Service, National Climatic Center, Asheville, NC. **2010**

124. NRC. Committee on Nonoccupational Health Risks of Asbestiform Fibers. 1984. Asbestiform Fibers. Nonoccupational Health Risks. Washington, D.C.: National Academy Press. **SEE O-26**

125. OAQPS, USEPA. 1987 (March 5). National Emission Standards for Asbestos -- Background Information for Proposed Standards. Draft Report. **See B_7-52**

126. OSHA, USDOL.1986a (June 20). "Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite; Final Rules." (51 FR 22612). **SEE L-14**

127. OSHA, USDOL. 1986b (June 11). Office of Regulatory Analysis. Final Regulatory Impact and Regulatory Flexibility Analysis of the Revised Asbestos Standard. **2305**

128. OSHA, USDOL. 1986c. Telephone conversation with Ira Wainless, Office of Health Standards, Washington, DC on October 23, 1986. **2298**

129. OSHA, USDOL. 1987 (January 12). National inspection summary report by substance: health sampling results by inspection. Computer print-out for 1979-1986. **2012**

130. PEI Associates. 1984. Site specific data summary forms. **2013**

131. PEI Associates, Inc. 1985. Asbestos Dust Control in Brake Maintenance. Draft. Prepared for OPTS, USEPA. **2014**

132.101 PEI Associates. 1986 (June). Operation and Maintenance Manual for Fabric Filters. ORD, USEPA. EPA-68-02-3919. **2015**

132.102 PEI Associates. 1987. Cost of Engineering Controls for Brake Maintenance/Repair. Prepared for OPTS, USEPA. **2301**

133. Perry R. 1973. "Load Calculations." Chemical Engineer's Handbook, 5th ed. New York: McGraw-Hill, p. 12-27. **2016**

134. Phelps LG. 1987. Plant Engineer, Vermont Asbestos Group. Telephone conversation on January 30, 1987. **2017**

135. PPG. 1986 (June 24). Letter to USEPA from PPG Industries, Pittsburgh, PA. **SEE E-99a**

136. Precision Import Service. 1985. Telephone conversation with Pete Vandervate, Owner, on December 11, 1985. **2018**

137. Reed LV. 1987. Telephone conversation between the office of L.V. Reed, NIOSH, Cincinnati, OH, and ICF Inc., April 7, 1987. **2019**

138. Research Triangle Institute (RTI). 1984. Phase I Report. Regulatory analysis of the proposed OSHA standard on asbestos. OSHA Docket No. H-033C. Exhibit No. 84-473. May 1984. **Filed at B_7-164 2304**

139. Rodelsperger K et al. Estimation of Exposure to Asbestos-Cement Dust on Building Sites. Study supported by the Umwelfbundesant, Berlin, Project No. 10401023/11, by the Commission of the European Community, Project No. 298-781 ENVD, and by the Bau-Berufagenossenschaften, Frankfurt. **Cited in B_5-3, Anderson, et al. 1982.**

140. Rose T. 1987. Telephone conversation between Tom Rose, Rose Roofing, Arlington, Virginia, and ICF Incorporated, April 1, 1987. **2020**

141. Rosenthal FS, Paull JM. 1985. "The Quality of Respirator Programs: An Analysis from OSHA Compliance Data." Amer. Indust. Hyg. Assn. J. 46(12):709-715. **2021**

142. Roy N et al. 1980 (February). Asbestos Product Test Results. Draft Final Report. Prepared by GCA/Technology Division for U.S. EPA, Office of Pesticides and Toxic Substances, Washington, D.C. **Cited in B_5-003, Anderson, et al, 1982.**

143. Roy S. 1987. Telephone conversation with Mr. Sims Roy, Office of Air Quality Planning and Standards on July 6, 1987. **2022**

144. Royal Commission. 1984. Report of the Royal Commission on Matters of Health and Safety Arising from the Use of Asbestos in Ontario. Ontario Ministry of Government Services, Publication Services Branch, Toronto, Ontario, Canada. **SEE O-8**

145. RTI. 1985 (August). Regulatory Impact Analysis of Controls on Asbestos and Asbestos Products. Vol: III. Appendix J. Prepared for U.S. EPA. **SUBMITTED TO CBI.**

146. Scott SW. 1984. "Asbestos Substitutes in Friction Applications." Design News 40:6, 44-50. **2023**

147. Sears. 1985. Sears Roebuck and Co., Automotive Service. Telephone conversation with Mr. Luther Budd, Brake Service, Washington, D.C., on December 11, 1985. **2024**

148. Section 114 Letters. 1985. Request for information by OAQPS on the subject of air pollution control for asbestos in primary manufacturing facilities. **1845, 2025-2045 148.100 = 1845; .101 = 2025; .102 = 2026; .103 = 2027; .104 = 2028; .105 = 2029; .106 = 2030; .107 = 2031; .108 = 2032; .109 = 2033; .110 = 2034; .111 = 2035; .112 = 2036; .113 = 2037; .114 = 2038; .115 = 2039; .116 = 2040; .117 = 2041; .118 = 2042; .119 = 2043; .120 = 2044; .121 = 2045; 122 = 2060**

149. Shapiro S. 1986 (June 17). AAP, OPTS, USEPA. Washington, DC 20460. 8(a) Asbestos aggregate statistics report. Intra-agency memo to D. Devoe, Confidential Data Branch, IMD, OTS. **SUBMITTED TO CBIC**

150. Spurny KR, Stober W. 1978. "Asbestos Measurement in Remote Ambient Air. In Clean Air, the Continuing Challenge," Proceedings of the International Clean Air Conference, Brisbane, Australia, pp. 373-387. Ann Arbor, Michigan: Ann Arbor Science Publishers, Inc. **SEE O-8.**

151. SRI International. 1985. "Chlorine." In: 1984 Directory of Chemical Producers, United States:487-488. **AVAILABLE FROM OPPTS LIBRARY.**

152. Syracuse Research Corp. 1978 (August). Chemical Market Input/Output Analysis of Selected Chemical Substances to Assess Sources of Environmental Contamination: Task III Asbestos. Prepared for U.S. EPA. NTIS PB-285-531. **2046**

153. Toney J. 1986. Director of Environmental Affairs, Calaveras Asbestos, Ltd. Telephone conversation on November 13, 1986. **2047**

154. Toney J. 1987. Director of Environmental Affairs, Calaveras Asbestos Ltd. Telephone conversation on February 10, 1987. **2048**

155. Tzanetos et al. 1987 (July 21). Forecasts of asbestos drum and disc brake sales for light vehicles. Memo from ICF Inc., to Christine Augustyniak of OPTS, USEPA. **2302**

156. Vermont Asbestos Group. 1987. Telephone conversation with Lloyd Phelps, Plant Engineer, Morrisville, VT on March 17, 1987. **2049**

157. Versar. 1983. Draft Final Report -- Exposure assessment for Asbestos. Prepared for OPTS, USEPA, Under EPA Contract No. 68-01-6271, Task No. 49. Washington, D.C., April 29, 1983. OSHA Docket No. H-033C. Exhibit No. 333. **NOT AVAILABLE.**

158. Versar. 1984. Exposure Assessment for Asbestos. Draft Final Report. Washington, D.C., U.S. Environmental Protection Agency, Office of Toxic Substances. EPA Contract No. 68-01-6271, Task No. 49. **B_{1a}-3**

159. Versar. 1987 (June 17). Nonoccupational Asbestos Exposure. Revised Report. Washington, D.C.: Office of Toxic Substances, U.S. EPA. Contract No. 68-02-4254. **B_{1c}-2 (Fiche #6660491); 1718**

160. Verta R. 1987. Telephone conversation with Mr. Robert Verta, U.S. Bureau of Mines, Washington, D.C. on July 6, 1987. **2050**

161. Vulcan Chemicals. 1986. Comments of the Vulcan Materials Company. Vulcan Chemicals, P.O. Box 7609, Birmingham, AL 35253. **SEE E-147**

162. Wainless I. 1987. Telephone conversation with Ira Wainless, Office of Health Standards, Washington, D.C. in April of 1987. **2051**

163. Williams L. 1987. Telephone conversation between Lewis Williams, Plant Engineer, Raymark Corp., Manville, NC, and ICF Incorporated. April 7, 1987. **2052**

164. Wright MD et. al. 1984. Phase I Report-Regulatory Analysis of the Proposed OSHA Standard on Asbestos. Prepared for U.S. Department of Labor, OSHA by Research Triangle Institute, Research Triangle Park, N.C. May 1984. **2304**

165. Yocom, JE. 1976. Fugitive emissions problems in perspective. Paper presented at a Symposium on "Fugitive Emissions -- Measurement and Control." Sponsored by the Environmental Protection Agency, Hartford, Conn., May 17-19, 1976. **2053**

166. Echlin 1986. Letter to NA Zirps, ICF Re: Exposure Assessment Survey - Followup letter dated 12/22/86 to 12/17/86 telephone conversation. RJ Foster. **2058. [This reference moved to to B_7-69.243.**

167. ICF 1987. Letter to LL Murphy -Electrical/ Electronics Insul. from VT Nguyen Re: telephone call of 01/11/87 - (01/12/87):1 p. w/o enclosure. **2059 [This reference moved to B_7-69.244**

168. ICF 1987. Letter to S Jetter, Raymark re: telephone conversation of March 11, 1987 concerning Asbestos Pollution Control Questionnaire - from V. Nguyen 03/12/87. **2060**

169. Raybestos Manhattan, Inc. Letters to EPA, Region 3 - 11/19/73 - 10/12/73 - 09/26/73 -06/12/73 - Re: Application for Approval of Source Modification for Brake Lining Processes. **2073**

170. J-M Manufacaturing Co., Inc., A/C Pipe Corp. Evironmental Health Report. Date of Survey: June 6, 7, & 8, 1984. Prepared by E Zimmer. (1984):10pp.

171. Science Applications, Inc. Letter from RA Ziskind to JH Siegfried, Community Evironmental Standards, John-Manville Sales Corp. Subject: Transmittal of Report: Inventory of Carcinogenic Substances Released Into the Ambient Air of California. (January 5, 1982). **2075b**

172. J-M Manufacturing Co., Inc. A/C Pipe Corp. Environemntal Health Report. Date of Survey: February 28, 1985 and March 1, 1985. Preformed by EP Zimmer. **2076a**

173. J-M Manufacturing Co., Inc. A/C Pipe Corp. Environemntal Health Report. Date of Survey: August 13 and 14, 1984. Preformed by EP Zimmer. **2076b**

174. J-M Manufacturing Co., Inc. A/C Pipe Corp. Environemntal Health Report. Date of Survey: August 19 and 20 and 21, 1986. Preformed by Z Youssef. **2077a**

175. J-M Manufacturing Co., Inc. A/C Pipe Corp. Environemntal Health Report. Date of Survey: August 26, 27 and 28, 1985. Preformed by Z Youssef. **2077b**

176. AIA. Recommended Work Practices for Field Fabrication of Asbestos Cement. (January 25, 1980). **2078**

Support References
To
Asbestos Modeling Study
B_8-File

Fiche #

1. GSC. 186. Graphical Exposure Modeling System (GEMS) User's Guide. Volume 2. Washington, DC: OPTS, DC: OPTS, USEPA. Contract No. 68-2-3970.

1.1 GSC. 186. Graphical Exposure Modeling System (GEMS) User's Guide. Volume 3. Washington, DC: OPTS, USEPA. Contract No. 68-2-3970.

2. ICF. 1988 (March). Asbestos Exposure Assessment. Final Report. Prepared for K Wong, ETD, OPTS, USEPA. **[See: B_{1c}-003]. (Fiche# 6660491)**

3. USDOC. 186. Statistical Abstract of the United States, 1986. Washington, DC: USDOC.

4. USEPA. 1986. Airborne Asbestos Health Assessment Update. Washington, DC: Office of Health and Environmental

Assessment. EPA-600-84-003F. **SEE B_{1b}-01. (Fiche# 6660490)**

1. Anderson PH, Grant MA, McInnes RG, Farino WJ. 1982. GCA Corp. Analysis of Fiber release from Certain Asbestos Products. Draft Final Report. Washington, DC: OPTS, USEPA. Contract No. 68-01-5960.

2. *Anderson et al. 1973. Asbestos Emissions from Brake Dynamometer Tests. Presented at the SAE Automotive Engineering Meeting, Detroit, MI. As reported in RTI (1986). Appendix N **at B_{1a}-4c (Fiche# 6660489)**

3. *Bingham TH, Anderson DW, Cooley PC. 1983. A Benefit-Cost Analysis of Asbestos Product Bans. Draft Report. ETD, OPTS, USEPA. As reported in RTI (1986). Appendix N **at B_{1a}-4c. (Fiche# 6660489)**

4. Bragg G. 1986. Exposure to Asbestos: An Analysis of the Technical Aaspects of the Environmental Protection Agency Proposal; to Ban and Phase-Out Asbestos. Opening written comments of the Asbestos Information Association/North America and the Asbestos Institute. Volume II. June 29, 1986. **[See: E67d(4)]**

5. Bureau of Census. 1985. Annual Housing Survey: 1983, Urban and Regional Housing Characteristics, Part E. Washington, DC: USGPO. Series H-150-83.

*[Secondary source document. Not required for the public record.

Support References
To
Non-Occupational Asbestos Exposure
B_9-File

Fiche #

6. Cha S, Carter P. 1982. Estimation of Urban Automobile Brake Emissions through Simulation of Wear Dynamics. Research Triangle Park, NC: U.S. Environmental Protection Agency. Contract No. 68-02-2566. TR-82-08.

7. Dolan CW. 1985. Charles W. Dolan, 6220 Agnes Road, N.E., Tacoma, Washington 95422. Letter to Neilson Bros. & Sons, Inc., P.O. Box 70395, Seattle, Washington 99107. Dated March 12, 1985.

8. Dufour G. 1984. "Indoor asbestos air pollution from floor tiles." Proceedings of the workshop on the monitoring and evaluation of airborne asbestos levels following abatement program held at National Bureau of Standards. March 12-13, 1984, sponsored by USEPA and NBS.

9. Farnsworth BT, McKittrick RS. 1984. The DIY consumer market, 1984 reference guide. Indianapolis, IN: DIY Research Institute.

10. GSC. 1986. General Sciences Corp. Graphical Exposure Modeling system (GEMS) user's guide. Volume 2. modeling. Appendix A. User's guide for GEMS atmospheric modeling system (GAMS) Version 1.1. Landover, MD: U.S. Environmental Protection Agency. Office of Pesticides and Toxic Substances. GSC-TR8658. Contract No. 68-02-3970.
SEE B8-1

Support References
To
Non-Occupational Asbestos Exposure
B_9-File

Fiche #

11. HomePro Systems, Inc. 1985. The homebook. Falls Church, VA: HomePro Systems, Inc. 1784.

12. ICF. 1986. Asbestos exposure review. Washington, DC: Economics and Technology Division, Office of Toxic Substances, U.S. Environmental Protection Agency.

13. Jacko MG, DuCharme RT, Somers JH. 1973. Brake and clutch emissions generated during vehicle operation. SAE Automobile Engineering Meeting. Detroit, MI: May 14-18. **[See: N-34]**

14. Jenkins J. 1985. "Asbestos fibers release from VA tile." NAC Journal. Summer Issue.

15. Jennings PD et al. 1985. Methods for assessing consumer exposure to chemical substances. Volume 7. Washington, DC: Office of Toxic Substances, U.S. Environmental Protection Agency. EPA 560/5-85-007.

16. Kauppinen T, Korhonen K. 1987. "Exposure to asbestos during brake maintenance of automotive vehicles by different methods." Am. Ind. Hyg. Assoc. J. 48(5):499-504.

Support References
To
Non-Occupational Asbestos Exposure
B_9-File

Fiche #

17. Lemmons T. n.d. Method of cleaning debris from brake drums, study of asbestos exposures. Report to OTS, CCD, USEPA. Research Triangle Park, NC: U.S.

18. MVMA. 1986. Motor Vehicle Manufacturers Association. MVMA motor vehicle facts and figures '87. Detroit, MI: MVMA. 1807..

19. *RTI. 1986. Research Triangle Institute. Regulatory impact analysis of controls on asbestos and asbestos products. Appendix N. Prepared for USEPA, OPTS, EED. **[See: B_{1a}-4c (Fiche# 6660489)**

20. **Roberts DR, Zumwalde RD. 1982. Industrial hygiene summary report of asbestos exposure for brake mechanics. Cincinnati, OH: Division of Surveillance, Hazard Evaluations and Field Studies, NIOSH. As reported in ICF (1986). **SEE B1a-4c (Fiche# 6660489)**

21. Rodelsperger K, John H, Bruckel B, et al. 1986. "Asbestos dust exposure during brake repair." American Journal of Industrial Medicine. 10:63-72.

* The document in the file is dated August 1985, not 1986.
** Secondary source document. Not required for the public record.

Support References
To
Non-Occupational Asbestos Exposure
B_9-File

Fiche #

22. Rohl AN, Langer AM, Wolff MS, and Weisman I. 1976. "Asbestos exposure during brake lining maintenance and repair." Environmental Research. 12:110-128.

23. SMRB. 1982. Simmons Market Research Bureau. Simmons media and market report. New York, NY: Simmons Market Research Bureau, Inc. 1792.

24. Sebastien P. 1982. Indoor airborne asbestos pollution from the ceiling and floor. Science.216 (June 1982):1410-1412. **[See B_5-116]**

25. Tzanetos P. 1987. List of consumer and industrial products containing asbestos. Memorandum from ICF Corp. to C. Augustyniak. ETD, OPTS, USEPA. Dated January 30, 1987. 1793.

26. USCPSC. 1986. U.S. Consumer Product Safety Commission. Asbestos in consumer products: options. Washington, DC: U.S. Consumer Product Safety Commission.

27. USDOC. 1983. U.S. Department of Commerce. County and city data book. 1983. Bureau of the Census. 1795.

28. USDOC. 1984. U.S. Department of Commerce. Population and land area of urbanized areas for the United States and Puerto Rico: 1980 and 1970. 1980 Census of Population. Bureau of the Census.

Support References
To
Non-Occupational Asbestos Exposure
B_9-File

Fiche #

29. USDOC. 1985a. U.S. Department of Commerce. Statistical abstract of the United States 1986. Washington, DC: Bureau of the Census. 1797.

30. USDOC. 1985b. U.S. Department of Commerce. 1982 Census of transportation. Truck inventory and use survey. Washington, DC: Bureau of the Census.

31. USDOT. 1986. U.S. Department of Transportation. National transportation statistics. Annual report 1986. Washington, DC: USDOT. Research and Special Programs Administration.

32. USEPA. 1980. U.S. Environmental Protection Agency. NEDS National emissions data system information. Research Triangle Park, NC: OAQPS. EPA-450/9-80-013d.

33. USEPA. 1984. User's guide to MOBILE3 (mobile source emissions model). Ann Arbor, MI: OAR.

34. USEPA, OPTS. 1986. Guidance for preventing asbestos disease among auto mechanics. Washington, DC:

35. Versar. 1984. Exposure assessment for asbestos. Washington, DC: For USEPA. EPA Contract No. 68-01-6271. [See: B_{1a}-3]

Support References
To
Non-Occupational Asbestos Exposure
B_9-File

Fiche #

36. Versar. 1985. Consumer exposure to adhesives. Draft final report. Washington, DC: For OPTS, USEPA. EPA Contract No. 69-02-3968. 1802.

37. Versar. 1986a. Users' guide to the computerized consumer exposure models. Washington, DC: For EED, OPTS, USEPA. Contract No. 88-02-3968.

38. Versar. 1986b. Standard scenarios for estimating exposure to chemical substances during use of consumer products: do-it-yourself products. Volume II. Washington, DC: OPTS, USEPA. EPA Contract No. 68-02-3968.

39. Williams RL, Muhlbaier JL. 1980. Contribution of brake lining wear to urban airborne asbestos. General Motors Research Laboratories. GMR-3422.

40. Williams RL, Muhlbaier JL. 1982. "Asbestos brake emissions." Environmental Research 29:70-82. [See: B_5-38].

Support References
To
Non-Occupational Asbestos Exposure
B_9-File

Fiche #

41. *Ziskind et al. 1982. Study of cancer mortality in chrysotile asbestos mining counties. Research Triangle Park, NC: USEPA. Contract No. SAI-068-41. 82-531. As reported in RTI (1986). **[See B_9-19]**

* Secondary source document. Not required for the public record.

Support References

B_{10} File

Response to Public Comments Document for the Rulemaking Process Concerning

Asbestos: Manufacture, Importation, Processing, and Distribution in Commerce Prohibitions

OPTS 62036

June 27, 1989

Explanatory Key/Availability of Documents

The physical location of these documents is identified in bold at the end of each reference. Some documents are secondary references and may not be in the docket. When this is the case, a footnote appears at the bottom of the page on which the document is listed.

Joni T. Repasch, Record Clerk
August 14, 1989

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Support References
B10 File

Fiche No.

1. Bertrand R, Pezerat H. 1980
Fibrous glass: carcinogenicity and dimensional characteristics. In: Biological effects of mineral fibers. IARC 2:901-911. **2658**

2. Langer AM, McGaughey WTE. 1982.
Mesothelioma in a brake repair worker.
Lancet (November 13): 1101-1103.
[Best Copy Available]. 2659

3. Ortega, J.M, Ortiz, J.P., and Garcia, E.D.
"Evaluation of Negative-Air System Used in Asbestos Removal." 1987 Annual Report of Health, Safety and Environment. Division of Los Alamos National Laboratory LA-11257-PR, pp. 9-11. **2657**

4. Enterline PE, Marsh GM, et al. 1983.
Respiratory Disease among workers exposed to man-made mineral fibers. Am Rev Respir Dis. 128: 1-7. **2660**

5. Enterline PE, Marsh, GM, et al. 1987.
Mortality update of a cohort of U.S. man-made mineral fiber workers. Dept. of Biostatistics and Center for Environmental Epidemiology, University of Pittsburgh. Revised 6/12/87, Edited 6/24/87. **2662**

6. Seaton A. 1984.
"Silicosis." in Occupational Lung Diseases. Second Edition. **(1984): 250-319.** Edited by WKC Morgan and A Seaton. WB Saunders Co., Philadelphia, PA. **2661**

Fiche No.

7. Davis JMG. 1983. Carcinogenic effect of mineral fibers in inhalation studies. VDI-Beritch 475: 241-246. **2664**

8. Davis JMG. 1987. Carcinogenicity of Kevlar Aramid Pulp following intraperitoneal injection into rats. Institute of occupational Medicine, Edinburg, U.K. Report No. TM/87/12. **2663**

9. Dunnigan J, Nadeau D, et al. 1984. Cytotoxic effects of aramid fibers on rat pulmonary macrophages: camparison with chrysotile asbestos. Toxicol lett 20: 277-282. **2665**

10. Hammad YY. 1984. Deposition and elimination of MMMF. In: Biological effects of man-made mineral fibers. Proceedings of a WHO/IARC conference, Volume 2, Copenhagen, Denmark, 20-22 April, 1982, Denmark, WHO Regional Office for Europe; pp. 126-142. **2666**

11. Hammad Y, Simmons W, et al. 1985. Effect of chemical composition on pulmonary clearance of man-made mineral fibers. Presented at the Sixth International Symposium of Inhaled Particles, Cambridge, England. **2690**

Fiche No.

12. Le Bouffant L, Henin JP, et al. 1984. Distribution of inhaled MMMF in the rat lung-long term effects. In: Biological effects of man-made mineral fibers. Proceedings of a WHO/IARC Conference, volume 2, Copenhagen, Denmark, April 20-22, 1982, Denmark, WHO Regional Office for Europe; pp. 143-169. **2667**

13. Le Bouffant L, Daniel H., et al. 1987. Experimental study on long-term effects of inhaled MMMF on the lungs of rats. Ann. Occup. Hyg. 21:765-790. **2668**

14. Lee KP, Kelly DP, et al. 1988 Lung Response to Ultrafine Kevlar Aramid synthetic fibrils following 2-year inhalation exposure in rats. Fundamental and Applied Toxicology 11:1-20. **2669**

15. Leineweber JP. 1984. Solubility of fiber in vitro and in vivo. In: Biological effects of man-made mineral fibres. Proceedings of a WHO/IARC Conference, Volume 2, Copenhage, Denmark, April 20-22, 1982, Denmark, WHO Regional Office for Europe; pp. 87-101. **2670**

16. Maltoni C, Minardi F, et al. 1982. he relevance of the experimental approach in the assessment of the oncogenic risks from fibrous and non-fibrous particles. The ongoing project of the Bologna Institute of Oncology. Med Lavoro 4: 394-407. **2678**

Fiche No.

17. Maltoni C, Minardi F. 1987. Recent results of carcinogenicity bioassays of fibers and other particulated materials. Presented at Symposium on Mineral fibers in the Nonoccupational Environment, Lyon, France, September 8-10, 1987. **2671**

18. McConnell EE, Wagner JC, et al. 1984. arcinogenic effects of UICC Canadian chrysotile B asbestos and glass microfiber (JM 100). In: Biological effects of man-made mineral fibers. Proceedings of a WHO/IARC Conference, Volume 2, Copenhagen Denmark, April 20-22, 1982, WHO Regional Office for Europe; pp. 234-252. **2672**

19. Nadeau D, Paradis D, et al. 1983. Biological evaluation of various natural and man-made mineral fibers: Cytotoxicity, hemolytic activity and chemilunescence study. Environ Health Perspec 51:374 (Abstract).

20. Pailes WH, Resnick JH, et al. 1984. Relative effects of asbestos and wollastonite on alveolar macrophages. J. Toxicoll Environ Health 14:497-510. **2673**

Fiche No.

21. Pott F, Rolla M, et al. 1987. Carcinogenicity studies on natural and man-made fibers with the intraperitoneal test in rats. Presented at the Symposium on Mineral Fibers in the Nonoccupational Environment, Lyon, France, Sept 8-10, 1987. **2674**

22. Reinhardt CF. **[Dupont]** 1986, 8EHQ-0986-0550. Two-year inhalation study in rats with Kevlar Fibrils. Office of Toxic Substances, USEPA. **[See: Followup at Fiche #0509721].**

23. Smith DM, Ortiz LW, et al. 1984. Long term exposure of Syrian hamsters and Osborne-Mendel rats to aerosolized 0.45 um mean diameter fibrous glass. In: Biological effects of man-made mineral fibers. Proceedings of a WHO/IARC Conference, Volume 2, Copenhagen, Denmark, April 20-22, 1982, Copenhagen, WHO Regional Office for Europe; pp. 253-273. **2675**

24. Reinhardt CF. **[Dupont]** 1985. Letter to document control officer, Chemical Information Division, Office of Toxic Substances, U.S. Environmental Protection Agency. (As cited in ENVIRON 1986) **[See: E-67d(007) 12]** **[8EHQ-0485-550 Initial Submission at Fiche #0509721.**

Fiche No.

25. Vallyathan V, Robinson V, et al. 1984. Wollastonite and asbestos cytotoxicity. Ann Rev Resp Dis 129: A178. **2676**

26. Wagner JC, Berry GB, et al. 1984. Animal experiments with MMM(V) fiber-effects on inhalation and intrapleural inoculation in rats. In: Biological effects of man-made mineral fibers. Proceedings of a WHO/IARC Conference, Volume 2, Copenhagen, Denmark, April 20-22, 1982, Copenhagen, WHO Regional Office for Europe; pp. 209-233. **2677**

Fiche #

Castleman B.
1 PCBP (08/27/84):2pp
w/enclosures(5)

(1) Castleman B. Faberication of Asbestos Cement Products - Exposure. (04/04/79):3pp

(2) Sundstedt N. "Introduction of Asbestos Substitutes in A Swedish Shipyard." Safety & Health in Shipbuilding and Ship Repairing (1972):27-30.

(3) Forster H. "Dust Hazards in the Processing of Asbestos Cement Sheet." Safety & Health in Shipbuilding and Ship Repairing. (1972):49-52

(4) Cross AA. "Practical Materials for Protection of New Working With Asbestos Materials in Shipyard." Safety & Health in Shipbuilding and Ship Repairing. (1972):93-101.

(5) Harless KW, et al. "Acute Effects of Chrysotile Asbestos Exposure on Lung Function." Environmental Research 16 (1978):360-372.

(6) The Urgent Search for Asbestos Substitutes (July 11, 1984): 54 & 56

City of Santa Rosa, Water Utility
Public Works Department
2 PCBP (08/21/84):3pp

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Fiche #

Commins BT
3 PCBP (12/01/83):1p
w/enclosure

(1) Commins BT. Asbestos Fibers in Drinking Water. Str 1. (May 1983):73pp

Daum, SM
4 PCBP (06/04/84):12pp

US Senate
Letter from JH Chafee
To L Thomas AX, USEPA
Subject: Transmittal of letter.
From: R Robler
5a (12/09/85):1p
w/enclosure

(1) Letter from R Robler
To: JH Chafee
Subject: Concern Regarding EPA's Draft Proposed Rule to Ban Asbestos.
(11/25/85):3pp

Letter from JA Moore AA, OPTS, USEPA
To: JH Chafee
Subject: Response to "a" above.
5b (01/06/86):2pp

US Senate
Letter from WR Rudman
To: L Thomas
Subject: Transmittal of Letter from FL Wardley
6a (12/31/85):1p
w/enclosure

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Fiche #

US Senate (cont'd)
(1) Letter from FL Wardley
To: WR Rudman
Subject: Concern Regarding EPA's Draft Regulation on Asbestos.
(11/18/85):3pp

Letter from JA Moore
To: WR Rudman
Subject: Response to "a" above.
6b (01/16/86):2pp.

US Senate
Letter from A Specter
To: Congressional Liaison USEPA
Subject: Transmittal of Letter
7a (12/20/85):1p
w/enclosure

(1) Letter from CB Yuill
To: A Specter
Subject: Concern Regarding EPA's Draft Proposed Rule Banking Asbestos.
(11/18/85):3pp

Letter from JA Moore
To: A Specter
Subject: Response to "a" above.
7b (01/16/86):2pp

Vie Regge EW
8a PCBP (10/14/85): 1p

8b PCBP (08/06/86): 1p

8c EPA Response (08/21/86):1p

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Main Comments (M/C)
E- File

Abex Corp.
See Arent, Fox, Kintner, Plotkin & Kahn

Air Products & Chemicals, Inc.
1 M/C (03/06/86):12pp

Allen, MH
2 M/C (04/03/86):2pp

Allied Corp.
3 M/C (06/26/86):9pp
w/enclosures:

An Update on Developing Asbestos Free Friction Materials, EL Rogers, (June 1986):29pp

American Assn. of School Administrators
4 M/C (06/27/86):2pp

American Federation of Labor (AFL-CIO)
5a R/P & M/C (06/27/86):2pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
5b (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
5c (08/15/86):1p

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Fiche #

American Federation of Labor (AFL-CIO)
(Continued)

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
5d (08/27/86):1p

American Mining Congress
6 M/C (06/16/86):3pp

American Motors Corp.
7 M/C (06/20/86):5pp

American Water Works Assn.
7.1 M/C (07/15/86):5pp.

Arent, Fox, Kintner, Plotkin & Kahn
Counsel for Abex Corp.
M/C Cover letter
8 (06/12/86):1p
w/enclosure:

(1) Response of Abex Corp. to Proposed U.S. Environmental Protection Administration Rule -Proposal of January 23, 1986. (06/01/86):11pp

(NOTE: This is a sanitized version of a confidential comment submitted to the Agency.)

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Fiche #

Arent, Fox, Kintner, Plotkin &
Kahn Counsel for Fel-Pro, et al

9a M/C cover letter (06/27/86):11pp
w/enclosure

(1) Comments on behalf of Fel-Pro, Inc., McCord Gasket Corp.; and Victor Div. of Dana Corp. (June 27, 1986):11pp

9b R/P (07/01/86):1p

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
9c (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
9d (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
9e (08/27/86):1p

Asbestos Information Assn.
(See: Kirkland & Ellis)

Asbestos Information Centre, England
10 M/C (06/02/86):2pp

Fiche #

Asbestos Institute, Canada*
M/C cover letter from TMT Niles, US Ambassador,
To: G Nash, the Asbestos Institute
11 (06/16/86):1p
w/enclosures

(1) Letter from G Nash,
To: TMT Niles,
(06/06/86):
w/enclosures (5)

(a) "Communique" from the Asbestos Institute: Nine Reviews of the EPA Proposed Rules on Asbestos by:

(1) JMA Davis
(2) JC Gilson
(3) AM Langer
(4) FDK Liddel
(5) JC McDonald
(6) R Murray
(7) P Sebastien
(8) J Siemiatycki
(9) G Thomas

(2) Royal Commission on Asbestos, Background Briefing Notes. 28pp

(3) "Putty, Not O-rings Could Be the Key to the Shuttle's Explosion." Washington Times, (June 2, 1986):2pp

(4) Letter from A Pinkney, US Embassy Sweden
To: H Dahlkuist, Swedish Ministry for Foreign Affairs (08/16/85):2pp

(5) USEPA, "EPA Proposes to Phase Out Asbestos Use." Environmental News For Release 01/23/86:8pp

* See also Kirkland and Ellis

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Fiche #

Asbestos International Assn., London, England

12a M/C (06/16/86):2pp

Letter from EF Tinsworth, OTS, USEPA
To: N Stack,
12b (07/11/86):2pp

Asbestos International Assn., Genoa, Italy

To: US Embassy, Rome
13 M/C (03/11/86):1p

Asbestos Users Group, Kenya
14 M/C (06/17/86):1p.

Asbestos Victims of America (AVA)
15a M/C (07/02/86):2pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
15b (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
15c (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
15d (08/27/86):1p

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Fiche #

Ashland Petroleum Co.

16a M/C (06/23/86):4pp
w/enclosures:

(1) News from Ashland Petroleum Co. "Ashland Petroleum Increases Carbon Fibers Production." (06/06/86):2pp

(2) "Carboflex and Aerocarb - Ashland's New Low Cost Carbon Fiber and Carbonizing Products for Future Brake Applications," WP Hettinger, et al SAE Technical Paper Series. Earthmoving Industry Conference (04/08-10/86):11pp

(3) New Low Cost Pitch Base Carbon Fibers and Carbonizing Materials, WP Hettinger, Clemson University Symposium on New Directions in Carbon and Graphite and Other High Performance Fibers and Fabrics. 9pp

(4) "Carbon Fibers: Determination Brings Success." Ashland News Reprint:4pp

(5) "Pitchmen" Ashland New Reprint."
[missing]

(6) Carboflex. 6pp

16b R/P (06/23/86):1p.

Asociacion Mexicana de Fabricantes de Productos de Asbesto Cemento, A.C.

16.1a M/C and R/P (04/30/86):2pp

16.1b USEPA Response (05/27/86):2pp

16.1c Add data on R/P (06/25/86):1p

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Fiche #

Association Francaise de l'Amainte

17a M/C (06/25/86):5pp
w/enclosure

(1) Review of the EPA Proposed Rules on Asbestos (U.S. Federal Register 1986, Vol. 51, No. 19, pp. 3778-3759)

17b USEPA Response (07/18/86):1p

Austin Rover

18 M/C (06/24/86):3pp

Austria, Embassy of

19a M/C Cover letter from C Prosl,
To: OPTS, USEPA
Subject: Transmittal of the following material
(06/12/86):1p
w/enclosures:(4)

(1) M/C (06/13/86):3pp

(2) Written comments re: A/C Pipe (05/17/84):3pp

(3) "Environmental Asbestos Exposure and Cancer Mortality." Archives of Environ. Hea 39:4 (July/August 1984): 261-263. M Neuberger, et al.

(4) Letter from JI Waddington
Environ. Hea Services, WHO
To N Stach, Asbestos International Assn., London, UK
Subject: Health Effects Resulting from Ingesting Drinking Water Containing Asbestos Fibers.
(11/29/85):2pp

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Austria, Embassy of (cont'd)
Letter from C Prosl,
To RP Bedell, DA
for IRM, OMB
Subject: EPA's Proposed Rule
To Base Use of Asbestos
19b (06/24/86):1p
w/enclosure

(1) Note Verbale from Austria
Embassy

To: The USSECSTATE
Subject: Follow-up Note of
May 17, 1984) re: A/C Pipes
(Undated):2pp

Automobile Importers of America, Inc.
20a M/C (06/19/86):30pp
w/enclosure:

(1) Comments of the Automobile Importers of America, Inc., on EPA's Notice of Proposed Rulemaking Regarding Mining and Import Restrictions on Asbestos.

20b R/P (06/27/86):2pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross
Examination Phase of the Informal
Hearing.
20c (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts
from the Legislative Phase of the
Informal Hearings.
20d (08/15/86):1p

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Automobile Importers of America,
(cont'd)
Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
20e (08/27/86):1p

Beemann, B
21 M/C (05/23/86):1p

Berger, SL
22 M/C (06/23/86):7pp

Bogart, LK
22.1a M/C (undated):1p

22.1b USEPA Response (05/30/86):2pp

Brasila Asbestos Assn

Letter from A Nugent,OPTS, USEPA
To: JFL Braga
Subject: Request for Information in Order to Schedule Testimony at the Informal Hearing.
22.2 (07/02/86):2pp

Fiche #

Browne, K

23 M/C Cover Letter (06/12/86):4pp
w/enclosures:(2)

(1) A Threshold for Asbestos-Related Lung Cancer. K Browne, Brompton Hospital, London, England:12pp

(2) "Is Asbestos or Asbestosis the Cause of the Increased Risk of Lung Cancer in Asbestos Workers?" K Browne, British Journal of Industrial Medicine, 43:(1986):145-149.

Canada

23.1 Telegram from AMCONSUL Quebec,:00065
To: USSECSTATE 4832
Subject: Quebec - Canada Opposes Proposed US Ban on Asbestos
(272100Z Jan 86)

Canada, Embassy of Ottawa

24a Telegram from US Embassy, Ottawa
To: USSECSTATE (April 1986):1p

24b Aide Memoire (May 27, 1986):2pp

24c M/C Cover letter (06/27/86): 1p
w/enclosures:(15)

(1) Comments of the Government of Canada on the Environmnental Protection Agency (EPA) Proposed Rule to Ban Certain Asbestos Products and Phase Out Other Such Products with Annexes A, B, and C.

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24c Canada, Embassy of Ottawa (cont'd)

(2) Asbestos. (undated):64pp
Energy, Menes and Resources Canada

(3) Report of the Royal Commission on Matters of Health and Safety Arising from the Use of Asbestos in Ontario; Vols. 1-3. (1984):920pp

(4) Threshold Limit Values and Biological Exposure Indices for 1985-86:114pp

(5) Report of the Committee of Experts Advising the Department of National Health & Welfare Concerning the Scientific Basis for Occupational Standards For Asbestos. (August 1984):24pp

(6) Hazardous Products Act R.S.C.H-3 and Regulations, Made Thereunder. (March 1986):_____pp

(7) Letter from JI Waddington, Dir.,

WHO

To: Asbestos International Association."(11/29/85):2pp

(8) "Asbestos in Drinking Water," Toft, P. et al CRC Critical Reviews in Environmental Control 14:2. (1984):151-197

(9) Human Exposure to Asbestos in the Environment." P. Toft, et al. (07/03/86):9pp

(10) "Chronic Inhalation of Short Asbestos Fibers," SF Platek, et al. Fundamental and Applied Toxicology.

Vol. 5:327-40 (1985).

Fiche #

24c Canada, Embassy of Ottawa (cont'd)

(11) "Health Implications of Environmental Exposure to Asbestos," JC McDonald, Environmental Health Perspectives. 62 (1985):319-28.

(12) News Release "Doll/Peto Report on Asbestos Published Today." (4/24/85):61pp Health & Safety Commission. England.

(13) The Pathogenicity of Long versus Short Fibre Samples of Amosite Asbestos Administrated to Rats by Inhalation and Intraperi-tional Injection. JMG Davis, et al., Scotland:43pp

(14) Canada Labour Code Part IV (03/86):30pp

(15) Canada Occupational Safety & Health Regulations (04/13/86): 100pp

24d Canadian Embassy (07/11/86): 2pp

24.1 Castleman B
M/C (05/20/86):10pp

Center for Auto Safety
25 M/C (05/08/86):2pp

Chemical Manufacturers Assn. (CMA)
26 M/C (06/30/86):2pp
w/enclosure:21pp

Fiche #

26(1) Chemical Manufacturers Assn. (CMA) (cont'd)

(1) Comments of the Chemical Manufacturers Association on EPA's Proposed Section 6 Rule for Asbestos Products.

Chevron Corp.
27 M/C (06/27/86):2pp

Chlorine Institute
(SEE ALSO LaRoe, Winn & Moerman)

Request to Extend M/C Period
28a (03/18/86):1p

Letter from Dr Clay, Director
OTS, OPTS, USEPA
To EJ Laubusch, Secy
Subject: Grant of Request to
Extend M/C Period
28b (04/07/86):1p

Chrysler Corp.
29 M/C Cover letter (06/25/86):2pp
w/enclosures (2)

(1) Comments by Chrysler Corp. on Docket Control Number OPTS 62036:5pp

(2) Letter from RO Sornson, Chrysler
To TSCA Public Info. Office
re: Proposed Prohibition on Use
of Asbestos in Motor Vehicle Brake
Linings (OPTS-211015)
(03/13/85):3pp

Fiche #

30 USEPA
Letter from D Dull to Asbestos Hearing Participant. (08/27/86): 1p

Clayton Associates, Inc.
30a R/P & M/C (07/11/86):6pp

30b [Letter from D Dull]

30c USEPA
Letter from D Dull to Asbestos Hearing Participant. (08/15/86): 1p

Colombia, South America
31a M/C (Undated):2pp

31b Telegram from US Embassy, Bogata,
To: USSECSTATE (06/01/86):
[Best copy available]

Commins Associates
32a M/C (04/07/86):6pp
w/enclosures:(9)

(1) "Asbestos Fibers in Drinking Water." STRI. (May 1983):73pp

(2) Comins BT, "Asbestos Fibers in Drinking Water with Special Reference to Asbestos-Cement Pipe Usage," Pipes & Pipelines International, 29 (3): (May-June 1984):8pp

(3) "Asbestos Fibers in Drinking Water: Brief Updating of Report" STR1. (November 1, 1984):3pp

(4) "Comments on the Epidemiology of the Adverse Health Effects of Asbestos in Drinking Water" (21st November 1984):3pp
("Drinking Water & Health, Vol 5. Safe Drinking Water Committee, National Academy Press, Wash. D.C. 1983)

Fiche #

32a Commins Associates (cont'd)

(5) "Review of Asbestiform Fibers: Nonoccupational Health Risks" (12th December 1984):2pp

(6) "Appraisal of Important Factors Relevant to the Critical Evaluation of the Significance of Asbestos in Drinking Water" (11th January 1985):2pp

(7) "Brief Evaluation of Conclusions Regarding Asbestos-cement Hazards." From Pathophysiological Innocuity of Asbestos-Cement Emissions by Cossette et al., presented to the Occupational Safety & Health Administration of California at San Francisco on July 27, 1984 (22nd February 1985):2pp

(8) "Ingested Asbestos Deemed Benign" American Water Works Association Journal, (March 1985): (Editorial Viewpoint):1p

(9) "The Significance of Asbestos and other Mineral Fibers in Environmental Ambient Air" STR2 (June 1985):84pp

32b Request for Acknowledgement of receipt of M/C (05/22/86):1p

32c USEPA Response to Request for Acknowledgement (05/29/86):1p

32d Add data on M/C (06/17/86):1p

Fiche #

Communications Workers of America
Letter from B. Easterling
33 M/C (06/25/86):2pp

Confederacion de Camaras Industriales de Los Estados Unidos
Letter from BS Fernandez
34 M/C (5/12/86):1p

Deere & Co.
Leter from RD Grotelveschen
35a R/P (06/24/86):2pp

M/C cover letter (07/03/86):
35b w/enclosure:8pp

(1) Deere & Co. comments - Docket No. OPTS-62036 Asbestos; Proposed . . . Manufacturing, Importation and Processing Prohibitins (40 CFR Part 763).

35c Correction to M/C (10/27/86):3pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
35d (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
35e (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
35f (08/27/86):1p

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Fiche #

	Delegation of the Commission of the European Communities
36	M/C (07/01/86):2pp
	Diamond Shamrock Chemicals Co. Letter from JN Uranga
37	M/C (06/26/86):3pp
	Dow Chemical Co. Letter from JA Gray Subject: Request to Extend Comment
38a	Period (03/20/86):2pp
	Letter from DR Clay, Director, OTS, OPTS, USEPA To: JA Gray, Legal Dept Subject: Grant of Request to Extend Main Comment Period
38b	(04/07/86):1p
	Letter from TE Burtch
38c	M/C (06/27/86): w/enclosure
	(1) Comments of the Dow Chemical Co. on EPA's Proposed TSCA Rule on Asbestos." 56pp.
	Letter from JA Gray
38d	R/P (06/27/86):2pp
	Letter from DL Dull, CCD, OPTS, USEPA To: Asbestos Hearing Participants Subject: Procedures for Cross Examination Phase of the Informal Hearing.
38e	(08/01/86):2pp
	Letter from DL Dull To: Asbestos Hearing Participants Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
38f	(08/15/86):1p

Fiche #

Dow Chemical Co. (cont'd)

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
38g (08/27/86):1p

Doyon, Limited
Letter from JQ Mery
39 M/C (06/20/86):8pp

DuPont Co.
40 M/C cover letter (06/25/86):1p
w/enclosures:(8)

(1) "Comments of E.I. duPont de Neumours & Co:17pp

(2) "Reports & Test Data" 3pp

(3) Frances A. "Gaskets Sealants and Adhesives Elastomers Reinforced with Kevlar Aramid Pulp." (02/28/86):25pp

(4) "Physical Testing" Table:1p

(5) "Nonasbestos Beater Addition Gaskets Reinforced with Kevlar Aramid Pulp," Frances, A. 1984 Nonwovens Symposium (1984):125-131

(6) Memo from A Frances, DuPont, To: Peters, Jr.; Savannah River Plant. Testing of Irradiated Gaskets. (12/13/85):5pp

(7) "Performance and Reliability of Non-Asbestos Gasketing Materials." DH Tracy, et al. SAE Technical Paper Series 83 or 18.:10pp

(8) 17 Product Promotional literature documents.:134pp

Fiche #

Engelhard Corp.
Letter from NA Kaye
41a R/P (6/27/86):1p

41b M/C (6/27/86):3pp
w/enclosures:(5)

(1) Letter in response to EPA request for information on asbestos substitutes in automobile and truck brakes (03/13/86):8pp

(2) "Sixth International Symposium on Inhaled Particles." Attachments II, III, IV, and V. (September 1985):12pp

(a) "Attapulgile Clay Worker in U.S.: An Evaluation of Respiratory Morbidity." J Gamble, et al. Submission form for Sixth International Symposium in Inhaled Particles. (Undated:1p)

(b) A Cross-Sectional Study of U.S. Attapulgite Workers. (September 1985):11pp. By J Gamble, et al, NIOSH GUSDHHS. Presented at Sixth International Symposium on Inhaled Particles, Cambridge, England, September 1985.

(3) "Cancer Mortality Among Persons Mining & Milling Attapulgite Clay Fibers.: RJ Waxweiler, et al. Submission from the Sixth International Symposium on Inhaled Particles (Undated):1p.

Fiche #

41b Englehard Corp (cont'd)

(4) General Remarks on Testing the Carcinogenicity of Fibrous Dusts. (Source and Author Unknown) Date Unknown: 1p

(5) Beck EB et al. In Vitro Effects of Mineral Dust: Third International Workshop. (Date Unknown):539-542.

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
41c (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
41d (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
41e (08/27/86):1p

Engineering Contractors Assn
Leter from P Babcock
42 M/C (04/21/86):2pp

Fiche #

Environmental Defense Fund

43a R/P (06/29/86):1p

43b M/C (06/29/86):28pp
w/enclosure:

(1) EPA's Asbestos Regulations. Report on a Case Study on OMB Interference in Agency Rulemaking by the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, U.S. House of Representatives together with Minority Views. (October 1985)

Letter from RV Percival
To: J. Rigby, CCD, OPTS, USEPA
Subject: Conformation of Testimony at Informal Hearing
43c (07/03/86):1p

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
43d (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
43e (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
43f (08/27/86):1p

Fiche #

Point	
	European Communities Standards Enquiry
44a	Letter from G. Crawser M/C (05/25/86): w/enclosure: (1) (1) Letter from J Overman, USDOC To C McInerney, OIA, EPA, (06/30/86):1p (2) General Agreement on Tariffs and Trade Committee on Technical Barriers to Trade (02/14/86): 1p
44b	European Communities Standards Enquiry Point Letter From B. Milroy to J. Overman (07/10/86):1p
	Fiesinger T
45	M/C (04/27/86):6pp

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Fiche #

Ford Motor Co.
Letter from H Sussman
46 M/C (06/26/86): 3pp
w/enclosure: (1)

(1) Asbestos Warning Label for Clutch Plates. (08/21/80):1p [missing]

France
Telegram from US Embassy, Paris
47a To: (03/12/86): 2pp USSECSTATE

Telegram from US Embassym Paris
47b To: (06/01/86) USSECSTATE

Freightliner Corp.
Letter from GW Rossow
48 M/C (06/29/86):3pp

Friction Materials Standards, Inst. Inc.
49 M/C (06/13/86):5pp
w/enclosures: (2)

(1) Letter from EW Drislane, FMSI
To: OSHA, USDOL
Subject: Comments on Proposed Rules for Occupational Exposure
(05/22/84):6pp

(2) Letter from EW Drislane, FMSI
To: USEPA
Subject: NRDC [TSCA Sec. 21] Petition to Prohibit the use of Asbestos in On-Highway Brakes
(11/13/84):5pp

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Fiche #

General Motors Corp.

50a Request to Extend M/C Period (03/14/86):1p

50b Letter from D Dull, CCD, OPTS, USEPA
To: JS Chu
Subject: Grant of Request to Extend Main Comment Period (04/11/86):1p

50c M/C (06/29/86):4pp
w/enclosures [see document]:505pp

50d R/P (06/30/86):1p

(LOG 335) Witness [List] EPA Hearing on Asbestos/Phaseout - Proposal -Wednesday July 16, 1986 [Undated]:1p. Rec'd July 17, 1986.

50e Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing. (08/01/86):2pp

50f Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing. (08/15/86): 1p

Fiche #

General Motors Corp. (cont'd)

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
50g (08/27/86): 1p

Georgia Gulf Corp. BV Gholson
51 M/C (06/20/86):2pp

Greece, Government of
52 Telegram to USSECSTATE
(04/01/86):1p

Hamilton County, Cincinnati, Ohio
Southwestern Ohio Pollution
Control-Agency
53 M/C (03/31/86):2pp

Hellenic Asbestos and Asbestos Cement
Assn. A Saoulis
53.1a M/C (04/04/86):2pp

53.1b USEPA Response F Green (04/25/86):1p

Hempstead, NY, Office of the Presiding
54 Supervisor TS Gulotta
M/C (03/03/86):1p

Fiche #

Hercules, Inc.
Letter from RG Rufe
55 M/C (06/18/86):2pp
w/enclosures:(8)

(1) Twenty-one Month Observation After Single Intratrachea Insufflation. Final Report Vol I, II, III (12/09/80): 188pp. Prepared by MB Research Labs, Inc. for Hercules, Inc.

(2) Letter from RG Rufe, Lextar To K Taylor, JRB Associates (09/11/84):1p

(3) Letter from K Taylor, JRB Associates, To RG Rufe, Lextar, (08/15/84):1p

(4) Letter from RG Rufe, Lextar, To D Maier, USEPA (12/15/83)2pp

(5) Letter from RG Rufe, Hercules, To R McAllister, USEPA
(07/11/83):3pp

(6) Letter from: RG Rufe, Hercules, To C Carter, GSA, with 4 attachments (04/11/83):6pp

(1) Cost Calculations for Pulpex E Grade D-H Formations at Minimum & Maximum Density

(2) Cost Calculation for Asbestos 7T Formulations at Mininum and Maximum Densisty.

Fiche #

55 Hercules, Inc. (cont'd)

(3) Cost Calulations for A Hagel 36 Formulations.

(4) Cost Calculations for Kay-o-cel, A Hagel 36 Formations.

(7) Letter from: RJ Guimond, USEPA, to EJ Engle, Hercules/Solvay Co. (10/09/81)

(8) Letter from: EJ Engle, Lextar, to RJ Guimond, USEPA, (08/25/81):3pp w/enclosures:(4)

(a) Table 1 Pulpex Polyolefin Pulps:1p

(b) Comparison of Photomicrographs of Pulpes, Asbestos, & Staple Fiber:1p

(c) Pulpex Tables: Wet Fluff Prices, Dry Fluff Prices, Wet Lap Prices, Wet Lap Prices, Tables 2 & 3 of Pulpex Vinyl Floor Tile Formulations, Pulpex, Asbestos Cost Comparison for Asphalt Coatings:6pp

(d) "Pupex Polyolefin Pulps for Adhesive and Coating Applications.":23pp

Hillsborough County, Environmental Protection Commission, Tampa, Fla. Letter from D Graziani
56 M/C (06/19/86):1p

Fiche #

Hitchins America Inc.
Letter from C Oden
57 M/C (05/27/86):2pp
w/enclosures: (7)

(1) Design Development Testing: Report. Yarsley Technical Center Ltd. (08/24/78):30pp

(2) Letter from S Barker, British Uralite (UK) Limited To: R Ferrell, Hitchins America Inc.

Subject: Asbestos in Nuralite Destroyed in Site Ferer. (02/25/83):2pp

(3) Evaluation of Nuralite Building Materials. Pittsburgh Testing Laboratory report (05/02/83):2pp

(4) Nuralite Semi-Rigid Asbestos Bitumer Sheets,Certificate No. 82/1058 British Board of Agreement Report (01/10/83):5pp

(5) Memo from CE Chick, St of FA, Dept of Education To: District School Superintendents and Community College Presidents Subject: Nuralite (09/13/83):1p

(6) Florida Circuit Court Order Case #83-2157. (09/01/83):1p

(7) Trial transcript of item 6. (09/01/83):9-37 (Missing pg 38-61)

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Fiche #

57.1 Holt, HW
M/C (03/19/86):1p

58 Honda, American Honda Motor Co.
Letter from B Gill
M/C Cover letter (06/19/86):
w/enclosure:1

(1) Comment of Honda Motor Co., Ltd. Regarding EPA's Proposal to Prohibit the Manufacture, Importation, and Processing of Asbestos in Certain Products and to Phase-out the Use of Asbestos in All Other Products.

59 Idaho, Dept. of Health & Welfare
Letter from FR Dixon
M/C (03/18/86):2pp

60 International Chemical Workers Union
Letter from TB Wenzel
M/C Cover letter (07/22/86):1p
w/enclosure:9pp

(1) Comments of the International Chemical Workers Union, AFL-CIO, Frank D. Martino, President, on EPA Proposed Rule on Asbestos Restrictions and Prohibitions.

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Fiche #

Intertech Group with enclosure
60.1 Request for exemption from restrictions imposed by 40 CFR Part 763 (06/20/86):1p
w/enclosure:

(1) EPA Asbestos Ban - Exclusion/Waiver/ Exemption. (06/20/86):3pp

Israeli Asbestos Users Assn.
Letter from A Sharon
61a M/C (07/16/86):6pp

Letter from EF Tinsworth
61b USEPA Response (07/11/86):2pp

Jaguar Cars, Inc.
Letter from CD Black
62 M/C (06/27/86):1p

Japan Asbestos Assn.
Letter from T Takisawa
63 M/C (04/10/86):4pp

Jim Walker Resources, Inc.
Letter from D Schrimsher, Manager Environmental Affairs to USEPA
64 (03/25/86): 1p
w/enclosures

(1) Letter from Jim Walker Res. Inc.
To: TSCA PIO, OPTS, USEPA
Subject: TSCA Chemicals in Progress Bulletin 6:1 (March, 1986):
(04/26/86):4pp

(2) U.S. Patent 4026,478 (May 31, 1977):4pp

(3) [Promotional Product Literature (4 items)]

Fiche #

Kestner, J.F., and K.
65a M/C (02/04/86):1p

Letter from J Dain, TAO, OPTS
65b Subject: USEPA Response
(05/28/86):1p

Kinney JE
66a M/C (06/17/86):14
w/enclosures: (10)

"Review of EPA Proposed Rules on Asbestos (US F.R. 1986 Vol 51 No. 19, pp 3738-3739" from Communique. The Asbestos Institute by the following persons:

(1) R Begin
(2) JMA Davis
(3) JC Gilson
(4) AM Langer
(5) FDK Liddell
(6) JC & AD McDonald
(7) R Murray
(8) D Sebastien
(9) J Siemiatycki
(10) G Thomas & AJ Valleron

Letter from JE Kinney
To: J Whitten, House of Rep.
US Congress
Subject: EPA's Proposed Rule on Asbestos of January 29, 1986.
66b (08/01/86):5pp

Kirkland and Ellis for AIA/NA
Letter from EW Warren
Subject: Request for EPA to Complete the Rulemaking Record.
67a (02/12/86):3pp

Add data on (a) above and Request for Extention of Comment Period
67b (03/06/86):4pp

Fiche #

Kirkland and Ellis (cont'd)

Letter from JA Moore, AA, OPTS, USEPA
To EW Warren, Kirkland & Ellis
Subject: Grant of Request to Extend
the Main Comment Period until June 29,
1986.

67c (04/02/86):2pp

67d M/C and R/P (06/29/86):6pp
w/enclosures:(7)

(1) AIA/NA's and AI's Motion For Issuance of Subpoenas to Compel Production of Documents and Attendance of Persons: Asbestos Proposed Mining & Import Restrictions and Proposed Manufacturing, Importation and Processing Prohibitives 40 CFR PT 763. (June 29, 1986):6pp

(2) AIA/NA's and AI's Motion for Appointment of All Administrative Law Judges. (06/29/86):3pp

(3) Opening Written Comments of the Asbestos Information Association/North America and the Asbestos Institute Vol I with Appendix A. (06/29/86):122pp. Prepared by Kirkland & Ellis, Counsel for AIA/NA and The Asbestos Institute.

A-1 "Preliminary List of Disputed Issues of Material Fact."

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Fiche #

67d **Kirkland and Ellis (cont'd)**

(4) Opening Written Comments of the Asbestos Information Association/North America and the Asbestos Institute Vol II with Appendix B. (06/29/86):295pp

B-1 Crump KS. Asbestos Potency Assessment for EPA Hearing. (June 1986):116pp

B-2 Davis JMG. Testimony of Dr. J.M.G. Davis, Institute of Occupational Medicine Edinburgh Scotland. (June 27,1986):22pp

Fiche #

67d Kirkland and Ellis (cont'd)

(5) Opening Written Comments of the Asbestos Information Association/North America and the Asbestos Institute Vol III with Appendix B Continued. (06/29/86):362pp.

B-3 Bragg GM. [Exposure to Asbestos] An Analysis of the Technical Aspects of the Environmental Protection Agency Proposal to Ban and Phase Out Asbestos. (June 29, 1986):139pp.

B-4 Rodricks JV. Potential Risks Posed by Asbestos Substitutes. Prepared by Environ Corp. (June 23, 1986):130pp

Fiche #

67d Kirkland and Ellis (cont'd)

(6) Opening Written Comments of the Asbestos Information Association/North America and the Asbestos Institute Vol IV with Appendix B Continued. (06/29/86):126pp.
[Items 5 and 6 listed below]

B-5 Testimony of Grover C. Wrenn. Environ Corp. (On Behalf of AIA/NA and AI) (June 29, 1986):37pp

B-6 Crandall RW. Report to the Asbestos Information Association/North America - Cost Effectiveness of EPA's Proposed Ban/Phase-out of Asbestos Products. (June 29, 1986):82pp

Fiche #

67d Kirkland and Ellis (cont'd)

(7) Opening Written Comments of the Asbestos Information Association/North America and the Asbestos Institute Vol V with Appendices C and D. (06/29/86):242pp.

C-1 Statement of Jacques Dunnigan (On Behalf of AIA/NA & AI) (Undated):33pp. And Three Photographs.

C-2a Written Statement of Joseph C Jackson (On Behalf of AIA/NA and AI) (June 1986):15pp

C-2b Affidavit of Joseph C Jackson Before the USDOL, OSHA. In Re: Emergency Temporary Standard for Occupational Exposure to Asbestos. OSHA Docket H-033C. (November 15,1983):22pp

C-2c Water and Sewer Pipe Energy Requirements: A Comparative Analysis. A/C Pipe Producers Assn. (Undated):9pp.

D-1 Weill H et al. "Asbestos as a Public Health Risk: Disease and Policy." Ann Rev Public Hea 7. (1986) 171-192

D-2 Letter From Griffin HE et al
To: WD Ruckelshaus
Administrator, USEPA
Subject: Environmental Health Committee (EHC) Review of Two Agency Documents on Asbestos. (10/29/84):5pp.

Fiche #

67d Kirkland and Ellis (cont'd)

D-3 Crystal RG. "Living with Asbestos." 1986 Medical and Health Annual at 68-69 Encyclopedia Britannica. USDHHS.

D-4 Cancer and Chronic Lung Disease in the Workplace. (1985):43pp

D-5 Hughes GM Et Al. Asbestos Exposure - Quantitative Assessment of Risk. Am Rev Resp Dis 33. (1986):5-13

D-6 McDonald JC. "Health Implications of Environmental Exposure to Asbestos." Environ Hea Perspcts 62. (1985):319-328.

D-7 Crump KS Et Al. "Methods for Quantitative Risk Assessment Using Occupational Studies." Am Stat 39. (November 1985):442-450.

D-8 McDonald JC. Memo to LD Grant ECAO/RTP USEPA Subject: Asbestos Health Assessment Update. Revised April 17, 1985. (06/07/85):3pp.

D-9 Mossman BT. Memo to D Byrd Subject: Evaluation of Revised Health Assessment Update Document for Asbestos as a Hazardous Air Pollutant. (05/21/85):1p. w/enclosures (2) 2pp.

Fiche #

67d Kirkland and Ellis (cont'd)

D-10 Schultz DL. Letter to Valued Customer:
Subject: Animal Research Studies on the Possible Health Effects of Ceramic Fibers. (06/28/85):7pp.

D-11 Anonymous. "Refractory Ceramic Fibers." Reprinted from Insulation Guide (July/August 1985):4pp.

D-12 By Reinhardt CF. Letter to DCO CID OTS USEPA
Subject: Two-year Inhalation study on Respirable Fibarils from Poly p-Phenylene Terephthatamide (PPD-T) Aramid Fiber. (04/04/85):3pp
8EHQ _____

D-13 SOHIO Engineering Materials Co. Background Information: Ceramic Fibers and Health. (May 1985):7pp.

D-14 Corn M. Asebestos and Disease: An Industrial Hygienist's Perspective. For Presentation at the Cummings Memorial Lecture, Annual Amer Indust Hyg Conference, Dallas, TX. May 19, 1986. 26pp.

Fiche #

Kirkland and Ellis (cont'd)

67e Add data on R/P (07/08/86):3pp

Letter from DL Dull,
CCD, OPTS, USEPA
To EW Warren
Subject: Response To Kirkland &
Ellis letter of June 29, 1986
67f (07/08/86):3pp

Letter from EW Warren
To DL Dull
Subject: Response To EPA's letter of
July 8, 1986
67g (07/14/86):4pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross
Examination Phase of the Informal
Hearing.
67h (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts
from the Legislative Phase of the
Informal Hearing.
67i (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and
Closing of the Legislative Phase of the
Informal Hearing.
67j (08/27/86):1p

Fiche #

LaRoe, Winn & Moerman
Counsel for Chlorine Inst
68a M/C & R/P (06/30/86):2pp
w/enclosure

(1) Comments of the Chlorine Inst (06/30/86):49pp
w/enclosures:(15)

1-8. Figures re: Chlorine (Undated):8pp

9. Exhibit A: Guidelines: Asbestos Handling in the Chlor-Alkali Industry. Chlorine Inst. MIR 137. (November 1978):39pp.

10. Exhibit B: Typical Chlor-Alkali Industry Asbestos Handling Procedures. (Undated)2pp.

11. Exhibit C: Letter from S Carpente, Internatinal Assn. of Machinists
To WG McGlasson, Olin Corp.
Subject: Acknowledgement: Taining Programs Furnished Employees for Safe Handling of Asbestos. (06/13/86):1p

12. Exhibit D: U.S. Cost to Produce Chlorine and Caustic Soda. (Undated):1p.

13. Exhibit E: Summary of Asbestos Exposure Levels Among a Sample of Chlorine Productin Workers Handling Asbestos. (Undated):1p

14. Exhibit F: USEPA. Questions for Chlorine Institute. (Undated):2pp

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68a LaRoe, Winn & Moerman
Counsel for Chlorine Inst.
(Continued)

15. Exhibit G: Research and Development Efforts on Asbestos Substitutes and Alternatives in Chlorine Production. (Undated):6pp.

68b Add Data on R/P (07/21/86):1p

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
68c (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
68d (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
68e (08/27/86):1p

Lysenko PD and N
69a M/C (06/20/86):1p
w/enclosure:

(1) Asbestos is Not Guilty. (June 20, 1986):5pp.

Add data on M/C (10/16/86):1p
Supplement #3 for Asbestos is Not
69b Guilty. (October 1986):1p

Fiche #

Malta

69.1 Telegram from AMEMBASSY Valletta:00293
To: USSECSTATE: 7791
Subject: M/C
(280942Z Jan 86):1p

Mazda, NA, Inc

Letter from H Moriyoshi
Request to Extend M/C Period
70a (03/24/86):2pp

Letter from DR Clay, Dir, OTS, USEPA
To: H. Moriyoshi
Subject: Grant of Request to Extend M/C Period.
70b (04/07/86):1p

Letter from H. Moriyoshi
70c M/C (06/27/86):5pp

McCord Gasket Corp.

(SEE Arent, Fox, Kintner, Plotkin & Kahn)

Mercedes-Benz of North America, Inc.

Letter from KH Faber
71 M/C Cover letter (06/30/86):1p
w/enclosure:7pp

(1) Submission of Mercedes-Benz of North America, Inc. to the Environmental Protection Agency. (06/25/86):6pp

Fiche #

72 Mexico, Embassy of
M/C (06/25/86):2pp

Milford/Stratford Citizens Against Pollution
73a M/C (06/22/86):7pp
w/enclosures:10pp (3)

[Three notices of violations of the Administrative Regulations for the Abatement of Air Pollution.]

73b R/P (07/07/86):1p

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
73c (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
73d (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
73e (08/27/86):1p

Mitsubishi Motors Corp.
74 M/C (06/18/86):7pp

Fiche #

Motor Vehicle Mfgs Assn of the US, Inc.

75a M/C (06/30/86):11pp

75b R/P (06/15/86):1p

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
75c (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
75d (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
75e (08/27/86):1p

Mount Sinai Medical Center

76 M/C (04/18/86):29pp

Multinational Business Services, Inc.

77 M/C (06/20/86):2pp

Murphy, D.

78 M/C (06/29/86):2pp
w/enclosure:

(1) U.S. Consumer Product Safety Commission list of Asbestos Containing Products (June 1986):1p

Fiche #

National Automobile Dealers Assn.
79 M/C (06/27/86):7pp

National Education Assn.
80 M/C (06/27/86):2pp

National School Boards Assn.
81 M/C (06/27/86):2pp

National Wildlife Federation
82 M/C Cover letter (07/02/86)
w/enclosures:(10)

(1) Corrected Comments of the National Wildlife Federation on the Proposed Rules for the Asbestos Ban and Phasedown. (07/02/86):33pp

(2) Letter from PH Rubin, USCPSC To DCO, OPTS, USEPA Subject: M/C Re: RIA of Controls on Asbestos and Asbestos Products (06/11/86):4pp

(3) Prose F. "Woodstock, A Town Afraid to Drink the Water." New York Times Magazine (04/13/86):7pp

(4) US Congress, House of Representatives. EPA's Asbestos Regulations Report on a Case Study on OMB Interference in Agency Rulemaking by the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce. U.S. House of Representatives together with Minority Views. Committee Print 99-V, 99th Congress, 1st Session. (October 1985):138pp

Fiche #

82 National Wildlife Federation (cont'd)

(5) US Congress, House of Representatiaves. Office of Management and Budget Influence on Agency Regulations. Senate Committee on Environment and Public Works. Committee Print S Prt. 99-156, 99th Congress, 2nd Session. (May 1986):45pp

(6) Telephone and Meeting Communications, NN_1-File from 1986 Index.

(7) Written Communications - N_1 - File from 1986 Index.

(8) USEA, OPTS, CCD
Note from B Sidwell
To E Gross, IMD, OPTS, USEPA
Subject: Transmittal of Docket Material.

(09/13/84):1p
w/enclosures (3)

(a) Letter from JD Dingle, US Congress, House of Reps.
To WD Ruckelshaus, AX, USEPA
Subject: Response to EPA's Letter of April 23, 1984.
(07/09/84):2pp

(b) Letter from WD Ruckelshaus
To JD Dingle
Subject: Response to Dingle's Letter of July 9, 1984.
(07/19/84):2pp.

(c) USEPA, OPTS, CCD. List of Documents Provided to the Honorable JD Dingle.
(Undated):29pp

Fiche #

82 National Wildlife Federation (cont'd)

(9) Chronology of Major Federal Actions on Asbestos (undated):4pp

(10) Memo from DR Clay
To B Mannix, OMB,
Subject: "Asbestos Briefing on March 26, 1984" in duplicate
(03/23/84)
w/enclosures: (12)

(a) Agenda. EPA Briefing on Asbestos for the Office of Management and Budget. (March 26, 1994): 1p

(b) Interagency Meeting Re: Asbestos Cable. List of Attendees. (April 12, 1984):1p

(c) Memo from DR Clay, OTS
To: Employees
Subject: "Immediate Office of the Office Director-Biweekly Activity Report (March 26 - April 6, 1984)
(04/12/84):2pp

(d) Note from R Tinsworth to D Clay, D Dull, E Lapointe, et al.
Subject: Asbestos Rules
(10/15/84):2pp

(e) Memo from: R Dexter, OPPE, USEPA
To: Official Docket.
Subject: Meeting with OMB concerning comments on the Asbestos Regulations.
(11/02/84):1p

(f) Note from [Unown] OPTS, USEPA
To David Dull
(03/22/84): 1p

Fiche #

82 National Wildlife Federation (cont'd)

(g) Memo from: J Moore
To: the File
Subject: Meeting to Discuss EPA Ban & Phase-Down Rule
(01/31/86):1p

(h) Memo from: M Russell
To: LM Thomas
Subject: Discounting Costs and Benefits in EPA Analyses.
(03/15/85):3pp

(i) Letter from: WD Ruckelshaus
To: JD Dingell, House of Representatives, US Congress
(08/07/84):2pp

(j) Letter from: JD Dingell
To: WD Ruckelshaus,
(02/23/84):3pp

(k) Letter from: WD Ruckelshaus
To: JD Dingell,
(04/23/84):7pp

(l) Letter from JD Dingell
To: WD Ruckelshaus,
(05/04/84):4pp

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Fiche #

Natural Resources Defense Council
(NRDC)
Letter from LM Warren
To: LM Thomas
Subject: Business Confidentiality of Asbestos Data
[Preliminary Main Comment]
83a (05/07/86):2pp

Letter from JM Warren
83b R/P (06/23/86):1p

83c M/C (06/29/86)
w/enclosures:(8)

(1) Safety and Health in Shipbuilding and Ship Repairing. International Labour Office, Geneva (1972):11pp

(2) Memo from J Hawkins, Raybestos Manhattan,
To: J Marsh
Subject: McGill Study of Asbestos Garments.
(03/06/74):2pp

(3) Letter from JM Warren, NRDC,
To: R Pigg, AIA
Subject: Request for Information on Asbestos Manufacture, Use, and Substitutes.
(05/08/86):2pp

(4) Letter from BJ Pigg, AIA,
To: JM Warren, NRDC, responding to item 3 above.
(05/21/86):1p

Fiche #

83c Natural Resources Defense Council (NRDC)

(5) Letter from G Ziem
To: J Warren, NRDC
Subject: OSHA Asbestos Standard in Brake Repair Shops.
(06/19/86):2pp

(6) Letter from [author unknown,] Mt. Sinai Medical Center, to J Clayton, Clayton Associates.
Subject: Air Sampling Test Results to Détermine Asbestos Emissions During Brake Repair Work.
(10/12/84)

(7) General Agreement on Tariffs and Trade; Notification (May 13, 1985):1pp

(8) Asbestos Products Baseline Projections. Appendix B, USEPA, OPTS, ETD, A Moll, and M McGivney, RTI (Jan. 1984): 4pp.

83d Letter from B Casteleman
Correction to M/C (07/10/86):2pp

83e Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
(08/01/86):2pp

Fiche #

	Letter from DL Dull To: Asbestos Hearing Participants Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
83f	(08/15/86):1p
	Letter from DL Dull To: Asbestos Hearing Participants Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
83g	(08/27/86):1p

Fiche #

Navistar International Corp.
Letter from FL Krale
84 M/C cover letter (06/20/86):1p
w/enclosures (1)

(1) Comments on Environmental Protection Agency Notice of Proposed Rulemaking on Asbestos: Proposed Mining & Import Restrictions and Proposed Manufacturing Importation & Processing Prohibitions.
w/enclosure:(3)

(a) Letter from FL Krarll, Intern'tl Harvester To: TSCA Public Information Office (03/15/85):6pp

(b) Letter from International Harvester (03/08/84): 5pp

(c) "Schedule for Elimination of Asbestos from Brake Linings After Successful Material Development.":1p

Fiche #

Newmont Services Limited
85 M/C (04/28/86):2pp

New York City Dept of Environ Protection
86 M/C (06/25/86):2pp

Nissan Research & Development, Inc.
87 M/C letter (06/17/86)
w/enclosures:(4)

(1) Comments by Nissan Motor Co., Ltd. on EPA's Proposed Asbestos Ban/Phasedown. (undated):8pp

(2) Graph of "Effect of EPA's Ban on Five Product Categories and Total U.S. Asbestos Consumption." (undated):1p

(3) Drawings Of Asbestos Parts Which Do Not Emit Asbestos Fiber. (undated):1p

(4) "Council Directive of 19 September 1983" Official Journal of the European Communities: (September 24, 1983):4pp

Occidental Chemical Corp.
88 M/C (06/26/86):3pp

Olin Chemicals
M/C (06/20/86): 4pp
89 w/enclosure:14pp

(1) "Chlorine/Sodium Hydrozide," July 1984 733/001 E thru R Chemical Economics Handbook. 14pp.

NOTE: This is a sanitized version of a confidential submission.

Fiche #

O'Melveny & Myers, Counsel for Swiss Eternit Group

90a Letter from VA Lee
To DCO, OTS, USEPA
Subject: R/P; Request for Time at Public Hearing on EPA's Proposed Rule....
(06/27/86):2pp

90a.1 Letter from SB Crocker
To DCO, OTS USEPA
Subject: Transmittal of Main Comments (M/C) and Enclosures.
(06/27/86):1p.
w/o enclosures **[Entire comment superseded and replaced by E-90a.2 below]**

90a.2 Letter from SB Crocker
To DCO, OTS, USEPA
Subject: Tansmmittal of Corrected Main Comments (M/C) and Enclosures; Request for Replacment of Original Comments with Revised Copies.
(06/28/86):1pp
w/enclosures (3)

(1) Comment of the Swiss Eternit Group on the EPA's Notice of Proposed Rulemaking on Asbestos.
(06/28/86):68pp

(2) Exhibit A (06/28/86):126pp

A-1 Statement of the Swiss Eternit Group at the ILO Conference of June 4-25, 1986. Geneva 1986. 2pp

A-2 Statement of Eternit (Berlin) Regarding the History and a Description of the German "Inovation Programme." (1986):13pp.

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Fiche #

90a.2 O'Melveny & Myers, Counsel for Swiss Eternit Group (cont'd)

(2) A-3 Letter from Erismann, Exec. Officer, Eternit Management and Consulting Ltd., (EMPA) To G Buettiker Subject: Asbestos Free Products. (06/20/86):2pp

A-4 Efforts of the Swiss Eternit Group in the Field of the "Controlled Use" of Asbestos. (1986):12pp

A-5 Excerpts from Reports IV (1) and (2), Safety in the Use of Asbestos, ILO (72nd Session 1986) and Reports Iv (1) and (2), Safety in the Use of Asbestos, ILO (71st Session 1985):51pp

A-6 EEC. "European Economic Community, 1983 Council Directive 83/477, and 83/478." Official J of the European Communities 26. (September 24, 1983): and (September 19, 1983):15pp

(3) Exhibit B (06/28/86)

B-1 Bragg GM. An Analysis of the Technical Feasibility of Controlling Asbestos Dust in Primary and Secondary Industries. (May 1984):12pp

B-2 McDonald AD et al. "Mineral Fibre content of Lung in Mesothelial Tumours." North America 26. Annals of Occupational Hygiene. (1982):417-422.

Fiche #

90a.2 O'Melveny & Myers, Counsel for Swiss Eternit Group (cont'd)

(2) B-3 Becklake MR. "Asbestos-related Disease of the Lungs and Pleura." Am Rev Resp Dis. 187:126.

B-4 Weill H. "Asbestos as a Public Health Risk: Disease and Policy." 7 Ann Rev. Public Health 171. (1986):171-192.

B-5 Hughes JM et al. Asbestos Exposure - Quantitative Assessment of Risk. Am Rev Respir Dis 133. (1986):5-13.

B-6 McDonald JC "Health Implications of Environmental Exposure to Asbestos." Env Hea Persp 62. (1985):319-328.

B-7 Ross M. Survey of an Asbestos-related Disease in Trades and Mining Occupations and in Factory and Mining Communities as a Means of Predicting Health Risks of Non-Occupational Exposure to Fibrous Minerals. US Geological Survey Report. 82-745. (1982):43pp.

B-8 Thomas F Et Al. "Further Follow-up Study of Workers from an Asbestos-Cement Factory." Brit J Industr Med 39. (1982):273-276.

B-9 Doll R et al. Asbestos: Effects on Health of Exposure to Asbestos. (1985).

Fiche #

90a.2 O'Melveny & Myers, Counsel for Swiss Eternit Group (cont'd)

(2) B-10 Hodgson J Et Al. "Mortality of Asbestos Workers in England and Wales 1971-1981. Brit J Industr med 43. (1986):158-164.

B-11 Finkelstein MM. "Mortality Among Long Term Employees of an Ontario Asbestos-Cement Factory." Brit J Industr Med 40. (1983):138-144.

B-12 Finkelstein MM. "Mortality Among Employees of an Ontario Asbestos-Cement Factory." Am Rev Respir Dis 129. (1984):754-761.

B-13 Siemiatychi J. "Health Effects on the General Population (Mortality in the General Population in Asbestos Mining Areas)." Proceedings of the World Symposium on Asbestos. (1982):337-348.

B-14 Langer A. Review of the EPA Proposed Rules on Asbestos. (1986):22pp.

B-15 A Comparative Analysis of Mortality in Asbestos-Mining and Other Towns of Quebec. (Unpublished Work Document (Doc No 5596/79C)). (November 1, 1979.):21pp

Fiche #

O'Melveny & Myers, Counsel for Swiss Eternit Group (cont'd)

90b Add Data on R/P (07/09/86):2pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
90c (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
90d (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
90e (08/27/86):1p

OMNIA
91a R/P & M/C (06/23/86):1p

91b Add data on R/P (07/01/86):12pp w/enclosure:

(1) Analysis of the High-Performance Fiber Market: Past, Present, Future Presented at the Conference on New Directions in Carbon & Graphite and Other High Performance Fibers and Fabrics. Clemson University February 4-5, 1986, 12pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
91c (08/01/86):2pp

Fiche #

OMNIA (cont'd)

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
91d (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
91e (08/27/86):1p

Original Quality, Inc.
92 M/C (Undated):2pp

Parents Teachers Assn.
93 M/C (06/27/86):2pp

Phillips Petroleum Co.
94 M/C (06/27/86):1p

Polyguard Products, Inc.
95 M/C (02/24/86):2pp

Port Arthur, City of, Texas
96 M/C (04/18/86):2pp

Portland, Oregon, Dept of Human Resources Health Div.
97 M/C (03/05/86):1p

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Fiche #

Power Marketing Group, Inc.

98 M/C Cover letter (06/25/86):1p
w/enclosures:(4)

(1) [M/C] Brief Presented to the United States Environmental Protection Agency Relating to a Proposal to Phase Out Uses of Asbestos. 6pp

(2) Occupational Exposure to Fibrous Dust (Asbestos) of Roof-Layers When Handling Asbestos Roofing Felt. Preliminary Report. (08/07/84):5pp

(3) Letter from National Roofing Contractors Assoc. 02/05/85): 1p
w/enclosures: (2)

Asbestos Institute to Z. Ellis, Ellis Z. Roofing Co. Inc. (01/30/85): 1p

(b) Occupational Asbestos Exposure Data When Pulling Out Asbestos Roofing Felt. Institut de l'Amiante/ Division de la Recherche. (01/22/85):2pp

(4) Perspective '77. Proceedings of the Fifth Annual Industry Conference A/C Pipe Producers Assn. April 18-19, 1977. Mexico City, Mexico:3pp

Fiche #

PPG Industries, Inc.

99a M/C (06/24/86):5pp

99b Add data on M/C (07/21/86) w/enclosure:1p

(1) A Technology Summary - Membrane vs. Diaphragm Cells:8pp

Public Citizen Health Research Gp.

100 M/C (05/30/86):2pp

Quiaoit, M.

101 M/C (04/25/86):7pp

Raymark Corp.

102a R/P (03/26/86):1p

102b Add data on (04/28/86):1p

102c M/C (06/24/86):1p w/enclosures:(4)

(1) M/C (06/20/86):5pp

(2) Berry G. "Mortality of Workers Manufacturing Friction Materials Using Asbestos." British Journal of Industrial Medicine. 40. (1983):1-7pp by G. Berry.

(3) McDonald AD et al. "Dust Exposure in an American Chrysotile Friction Products Plan," British Journal of Industrial Medicine 41. (1984):151-157.

(4) McDonald JC. "Mineral Fibers and Cancer." Annals of Academy of Medicine. (April 1984):(3450352.13(2))

Fiche #

Raymark Corp.

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
102d (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
102e (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
102f (08/27/86):1p

Renault USA, Inc.
103 M/C (06/30/86):2pp

Rockwell International
104 M/C (07/03/86):4pp

105 Rubin, PH
M/C (06/11/86):5pp

Fiche #

Scan-PAC

106 M/C cover letter (06/11/86):1p w/enclosures:(8)

(1) Green Gripper Newsletter, 5, 1, (January, 1986):4pp

(2) Green Gripper Newsletter, 6, 1, (June, 1985):4pp

(3) Green Gripper Newsletter, 4, 1, (February, 1984):4pp

(4) Green Gripper Newsletter, 2, 3, (August, 1982):4pp

(5) Green Gripper Newsletter, 2, 2, (March, 1982):4pp

(6) Green Gripper Newsletter, 2, 1, (February, 1982):4pp

(7) Green Gripper Newsletter, 1, 2, (September, 1981):4pp

(8) Scan-PAC Non-asbestos Industrial Friction Materials:7pp

Fiche #

107 Schmidt, MA (April 12, 1986)
M/C (04/12/86):3pp

Shea & Gardner
Counsel for Cassiar Mining Corp.
Request for completion of the Record &
Extension of M/C Period
108a 03/11/86):2pp

Letter from DR Clay, Director
OPT, OPTS, USEPA
To: DB Beers, Esq
Subject: Grant of Request to Extend
M/C Period
108b (04/07/86):1p

108c Add data on R/P (07/03/86):1p

108d M/C Cover letter (07/03/86):1p
w/enclosure:

(1) "Number of Persons Exposed and Cancer Cases Due to Production of Asbestos Products 1985-2000 -by Exposed Category (Assuming -2/fcc OSHA Standard." (Undated):1p. [Source Unknown). Exhibit A.

(2) Before the Environmental Protection Agency
Asbestos; proposed mining and import restrictions and proposed manufacturing importation, and processing prohibitions.

Fiche #

Sheet Metal Workers' International Assn.

109a M/C Cover letter (06/27/86):1p
w/enclosure:

(1) Official Comments to the Environmental Protection Agency by the Sheet Metal Workers International Association on the Proposed Rule: Asbestos: Proposed Mining and Import Restrictions and Proposed Manufacturing, Importation, and Processing Prohibitions. (06/07/86):11pp.

109b Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
(08/01/86):2pp

109c Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
(08/15/86):1p

109d Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
(08/27/86):1p

Fiche #

South Africa
Letter from RL Pretonus, Dept. of Foreign Affairs, S Africa,
To: G Melese, Embassy of the US, Pretoria
Subject: Banning and Phasing Out of Asbestos in the USA
110a (04/17/86):1p
w/enclosures:(3)

(1) Diplomatic note from Embassy of S. Africa
To USSECSTATE (04/22/86):1p

(2) Telegram, U.S. Embassy, Pretoria, S. Africa
To USSECSTATE (04/22/86):1p

(3) M/C (03/13/84):5pp

110b Letter to US SECSTATE
Subject: Transmittal of letter dated June 25, 1986 addressed to Administrator of USEPA:1p
(06/27/86):
w/enclosures:(2)

(1) Letter from Ambassador, South Africa, to LM Thomas, AX, USEPA
Subject: Docket No. OPTS 62036-Asbestos Ban and Phase Out.
(6/25/86):5pp

(2) Letter from R Benedick, US SECSTATE
Subject: Acknowledgement of
(07/23/86):2pp

Southwestern Ohio Air Pollution Control-Agency
See E53

111 Sterns, Smith, Walker & Grell
M/C (07/14/86):2pp

Fiche #

Subaru of America, Inc. (5/30/86)
112 M/C Cover letter (05/30/86):4pp
w/enclosure:

(1) Comments of Fuji Heavy Industries Ltd. Regarding U.S. Environmental Protection Agency Proposed Rulemaking for Asbestos: Proposed Mining and Import Restrictions and Proposed Manufacturing, Importation, and Processing Prohibitions.

Switzerland
Telegram from U.S. Embassy, Bern,
113a To USSECSTATE
Subject: Survey on Activities Related to Control of Asbestos
(04/86):5pp

Cover letter from David de Purry, Swiss Embassy, to WL Gramm, USOMB
Subject: Enclosed copy of Comments of the Swiss Government on proposed rule.
113b (05/01/86)
w/enclosure:

(1) Memorandum of comments:5pp

114 Taiwan,
Telegram from AIT (05/28/86):2pp

Toyota Technical Center, USA Inc.
115 M/C cover letter (07/01/86):7pp
w/enclosure:

(1) Toyota's comments on the Proposed Asbestos Regulations.

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Fiche #

Tulane Medical
116 M/C (06/13/86):1p
w/enclosures: (2)

(1) "Asbestos Exposure-Quantitative Assessment of Risk," J.M. Hughes, and H. Weill American Review of Respiratory Disease: 133: (1986):5-13

(2) "Asbestos as a Public Health Risk: Disease and Policy," Weill, H. and Hughes, J.M. Annual Reviews of Public Health: 7. (1986):171-192.

Turner CW
117 M/C cover letter (04/24/86):6p
w/enclosure

(1) Chemical in Progress Bulletin, Vol. 7, No. 1 (March 1986):3

United Brotherhood of Carpenters and Joiners of America
118a M/C (06/27/86):2pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
118b (08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
118c (08/15/86):1p

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Fiche #

United Brotherhood of Carpenters and Joiners (cont'd)

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
118d (08/27/86):1p

United Electrical, Radio and Machine Workers of Canada (UE)
119 M/C (07/02/86):2pp

120 United Steelworkers of America
M/C (06/27/86):2pp

United Union of Roofers, Waterproofers and Allied Workers
121 M/C (06/25/86):4pp
w/enclosures:(4)

(1) Airborne Asbestos: Test Results:2pp

(2) Evaluation of Asbestos Exposure from Asbestos-Roofing Removal Operations:11pp

(3) Letter from EM Fenner, Johns-Manville Sales Corp., To Levin, L., Drexel Univ. (01/14/80):3pp

(4) Health Hazard Evaluation Report. HETA 84-321-1590 Asbestos Shingle Tear-Off, Rockford, Ill. USDHHS, NIOSH (1984):10pp

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Fiche #

Uruguay
Telegram from Amembasy Montevedo:
00754
To: USSECSTATE
Subject: M/C
122a (0618552 Feb 86):2pp

Telegram from US Embassy
To: USSECSTATE
122b Subject: M/C (05/0/86)

US Congress, (B. Archer Re:
Certainteed)
Letter from B Archer, House of Rep
To: J Moore, AA, OPTS, USEPA
Subject: Comments from 3 Constituents
and Certainteed employees re: EPA's
Proposed Rule on A/C Pipes
123a (06/12/86):1p
w/enclosures: (3)

(1) Letter from M Ragan, Certainteed
To B Archer

(2) Letter from FT Duffy, Certainteed
To B Archer
(03/18/86)

(3) Letter from EA Bruaer, Certainteed
To B Archer
Subject: Concern for EPA Proposed
Rule (03/19/86):1p

Letter from JA Moore, AA, OPTS, USEPA
To: B Archer.
Subject: Response to Congressman
Archer Letter of June 12, 1986).
123b (06/27/86):2pp
w/o enclosures

Fiche #

US Congress, (Barnard, D)
Letter from D Barnard, House of Rep.
To: L Thomas, AV, USEPA
Subject: Comment from JD Partee,
CertanTeed Corp.
124a (04/29/86):1p

Letter from JD Partee,
To: D Barnard, Jr.
Subject: A/C Pipes
124b (04/04/86):2pp

Letter from JA Moore,
To: D Barnard, Jr.
124c (05/16/86): 2pp

US Congress (Barton J)
Letter from J Barton, House of Reps
To: LM Thomas, AX, USEPA
Subject: Comment on EPA's Proposed
Rule on A/C pipes
125a (08/07/86):2pp

Letter from JA Moore, AA, OPTS, USEPA
To: J Barton.
Subject: Response to "a" above.
125b (09/02/86):2pp.
w/o enclosures

Fiche #

US Congress (Brooks, J)
Letter from J. Brooks, House of Reps.
To: G Ward, OCL, USEPA
Subject: Comment from A Herzik, Director of Water Utilities, City of Port Arthur, TX.
126 (04/15/86):1p
w/enclosure:

(a) Letter from FT Duffy, CertainTeed
To: A Herzik
Subject: Comment on EPA's Proposed Rule to Ban the manufacture and use of A/C Pipes (3/19/86): 1p

1. Draft Suggested letter to be sent to your legislators.

2. Letter from F Timpe, CertainTeed
To: Valued Customer.
Subject: EPA's proposed rule on A/C Pipes (01/31/86):1p
w/enclosures:(2)

a. Page 2 from correspondence from JC Jackson, President A/C Pipe Producers Assn.

b. "The New Asbestos Panic." The Detroit News (February 10, 1986):12A. Editorial.

Fiche #

US Congress, Brooks, J.
Letter from JA Moore, AA, OPTS, USEPA
To: J Brooks.
Subject: Response to (a) above.
126b (05/06/86):2pp.
w/o enclosure

126c Letter from A Herzik, Jr.
To J Brooks.
Subject: A/C Pipes
(3/26/86: 2pp

US Congress, Brooks, J.
Letter from J Brooks, House of Representatives
To CJ Staggs.
Subject: Response to Enclosed Letter from CJ Staggs.
127a (07/07/86):1p
w/enclosure:

(1) Letter from CJ Staggs
To: J Brooks.
Subject: Opposition to EPA's Proposed Rules on the Ban of A/C Pipes (03/11/86):1p
w/enclosure:

(a) "Facing a Cruel-future-helplessly". [Source Unknown] (Undated):50

Letter from JA Moore, AA, OPTS, USEPA
To: J Brooks.
Subject: Response to Congressman Brooks' letter of July 7, 1986.
127b (07/25/86):1p
w/o enclosure

Fiche #

US Congress (McCandless, A)
Letter from A McCandless, House of Rep.
To P Knight, OCL, USEPA
Subject: Comment from RH Stanfield
128a (04/21/86):1p
w/enclosure:

(1) Letter from RH Stanfield
To A McCandless.
Subject: EPA's Proposed Ban on
A/C Pipes.
(03/22/86):1p

128b Letter from JA Moore, AA, OPTS, USEPA
To A McCandless.
Subject: Response to (a) above.
(05/06/86):2pp
w/o enclosure

US Congress, (Myers, J.)
Letter from J. Myers, House of Rep. to
G Ward, OCL, USEPA.
Subject: Comment from PA Myers on
Asbestos in Brake Linings
129a (03/12/86):1p
w/enclosure:

(1) Letter from PA Myers
To J Myers
Subject: Asbestos in Brake
Linings, Tariffs on US Imports.
(03/04/86):2pp

Letter from JA Moore, AA, OPTS, USEPA
To JT Meyers
Subject: Response to (a) above
129b (04/10/86):2pp
w/o enclosures

Fiche #

US Congress, Myers, J.
Letter from J Myers, House of Rep.
To: G Ward, OCL, USEPA.
Subject: Comment from L Bird for BA Bird (Husband) re: Methelioma
129.1a (03/26/86):1p
w/enclosure:

(1) Letter from BA Bird, prepared by L Bird
To: J Myers
Subject: Mesthelioma Caused by Exposure to Asbestos.
(03/20/86): pages 2,3 missing.

Letter from JA Moore, AA, OPTS, USEPA
To J Myers.
Subject: Response to (a) above
129.1b (04/21/86):1p
w/o enclosure

US Congress (D Sundquist re: CertainTeed)
Letter from D. Sundquist, House of Rep.
To: C DeRemer, Act. Director, OCL, USEPA.
Subject: Comments from 51 employees of CertainTeed Corp. re: EPA's Proposed Rule on A/C Pipes.
130a (04/30/86)
w/enclosures:

Letter from JA Moore, AA, OPTS, USEPA
To: D Sundquist.
Subject: Response to Congressman Sundquist's letter of April 30, 1986.
130b (05/16/86):2pp
w/o enclosures

Fiche #

US Congress, (Studds, GE)
SEE: Wendell, WL E 153

US Congress (Whittaker, R)
Letter from R Whittaker House of Rep.
To: C DeRemu, OCL, USEPA
Subject: Comment from CR Despain of
March 18, 1986
130.1a (04/23/86):1p
w/enclosure

(1) Letter from CR Despain
To: D Glickman
Subject: A/C Pipes.
(03/18/86):1p

Letter from JA Moore
To: R Whittaker
Subject: Response to (a) above.
130.1b (05/09/86):2pp
w/o enclosure

US Congress (Zschau, E)
Letter from E Zschau, House of Reps.
To LA Thomas, AX, USEPA
Subject: Comment from D Smith,
Riverside Cement.
131a (05/27/86):1p
w/enclosure:

(1) Letter from D Smith, Riverside
Cement
To: E Zschau.
Subject: Opposition to EPA's
Proposed Rule on the Banning of
A/C Pipes
(05/01/86):1p
w/o enclosure

131b Letter from JA Moore
To: E Zsehau
Subject to (a) above
(06/12/86):2pp
w/o enclosure

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Fiche #

US Senate (Bentsen, L Re: CertainTeed et al)
Letter from L Bentsen, US Senator
To: L Thomas, AX, USEPA
Subject: Comments from 5 Constituents Regarding EPA's Proposed Rule on A/C Pipes.
132a (04/14/86):
w/enclosures:

Letter from JA Moore, AA, OPTS, USEPA
To: L Bentsen.
Subject: Response to L Bentsen's letter of April 14, 1986.
132b (05/05/86):2pp

US Senate (Boreu, DL)
Letter from DL Boren
To Office of Congressional Liaison, USEPA.
Subject: Comments of T Lewis, Lewis Friction Products, Inc.
133a (Undated):1p
w/enclosure

(1) Letter from T Lewis
To: DL Boren
Subject: EPA's Proposed Rule on Asbestos (01/24/86):1p

Letter from JA Moore, AA, OPTS, USEPA
To: DL Boren.
Subject: Response to (a) above.
133b (04/23/86):2pp

Fiche #

US Senate (Chiles, L)

134a
Letter from L Chiles
To L Modesitt, Legislative Affairs, USEPA.
Subject: Comment from HW Holt
(03/26/86):1p
w/enclosure

(1) Letter from HW Holt to L Chiles.
Subject: EPA's Proposed Rule on Asbestos (03/19/86):1p
w/o enclosure: See Holt, HW E57.1

134b
Letter from JA Moore, AA, OPTS, USEPA
To: L Chiles.
Subject: Response to (a) above
(04/22/86):2pp
w/o enclosure

US Senate (Gramm, P)

135a
Letter from P Gramm
To: B Goetz, Region VI, USEPA
Subject: Comment of CJ Stagg
(05/07/86):1p
w/enclosure:

(1) Letter from CJ Stagg
To: (Former) Senator JG Tower.
Subject: A/C Pipes
(04/28/86):2pp

135b
Memo from J West, Region VI
To: J Rigby CCD, OPTS, USEPA.
Subject: Transmittal of (a) above.
(05/14/86):1p

135c
Letter from EA Klein, TAO, USEPA
To: CJ Stagg.
Subject: Response to (a) above.
(06/16/1986):2pp
w/o enclosures

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Fiche #

US Senate (Hatch, O)
Letter from O Hatch
To: Congressional Affairs, USEPA
Subject: Comment from G Nash, Asbestos Inst., Canada.
136a (08/14/86):1p
w/enclosure

(1) Letter from G Nash, Asbestos Inst.
To: O Hatch.
Subject: EPA's Proposed Regulation on Asbestos
(07/24/86):1p
w/o enclosure:

Letter from JA Moore, AA, OPTS, USEPA
To: OG Hatch.
Subject: Response to (a) above.
136b (09/08/86):2pp

US Senate (Kassebaum, NL, Re: CertainTeed)
Letter from NL Kassebaum, US Senator
To: G Ward, Director, OCL, USEPA.
Subject: Comments from 10 Employees of CertainTeed Corp. of Mc Pherson, K Regarding EPA's Proposed Rule on A/C Pipes.
137a (06/09/86)

Letter from JA Moore, AA, OPTS, USEPA
To: M Tajchmau, Plant Managers CertainTeed Corp.
Subject: Response to NL Kassebaum's Request of June 9, 1986.
137b (06/30/86):2pp
w/o enclosure

Fiche #

US Senate (Mattingly, M)
Letter from M Mattingly
To: LM Thomas.
Subject: Comment of JD Partee, of CertainTeed Corp.
138a (04/28/86):1p
w/enclosure

(1) Letter from JD Partee, CertainTeed Corp.
To: M Mattingly.
Subject: A/C Pipes
(04/04/86):2pp

Letter from JA Moore, AA, OPTS, USEPA
To: M Mattingly.
Subject: Response to (a) above.
138b (05/22/86):2pp
w/o enclosure

US Senate (Nunn, S)
Letter from S Nunn
To: CS Warren, Director, OL, USEPA.
Subject: Comment from JD Partee, CertainTeed Corp.
139a (04/22/86):1p
w/enclosure:

(1) Letter from JD Partee, CertainTeed Corp.
To: S Nunn.
Subject: A/C Pipes
(04/04/86):2pp

Letter from JA Moore, AA, OPTS, USEPA
To: S Nunn.
Subject: Response to (a) above.
139b (05/09/86):2pp

Fiche #

US Senate (Symms, SD)
Letter from SD Symms
To: LM Thomas, AX, USEPA.
Subject: Comment, of Gay Nash,
Asbestos Inst
140a (08/08/86):1p
w/enclosure:

(1) Letter from G Nash,
Asbestos to
To: SD Symms.
Subject: EPA's Proposed
Regulation on Asbestos
(07/24/86):1 page
w/enclosures: (5)

(a) Letter from G Nash
To: TMT Niles, Embassy of
the USA, Canada.
Subject: EPA's Proposed
Regulation on Asbestos
(06/06/86):7pp

(b) Letter from A Pinkney
Economic Counselor, Embassy of the USA, Stockholm
Sweden
To: H Dahlkvist, Trade Dept.
Ministry of Foreign Affairs
(Sweden).
Subject: Proposed Swedish
Regulation, TBT/Notif. 85.86
on Passenger Cars (Asbestos-
Containing Brake Linings)
(08/16/86):2pp

(c) Bennett MJ. "Exporting
Environment-alism." The
National Interest 4.
(Summer 1986):4pp.

(d) "What Foreign Governments/
International Institution Say
About EPA Asbestos Rule."
[An Extract of Comments by
Foreign Governments and
International institutions on
The Proposed EPA rule]
(Undated): 1p

Fiche #

140a US Senate (Symms, SD) (Continued)

(e) "Text of the Convention Concerning Safety in the Use of Asbestos, Submitted by the Drafting Committee." Conference Internatinale du Travail. Compte Rendu Provisoire. Soixante-douzieme session, Geneve, (1986):8pp 29A. [ILO Convention on Safe Use of Asbestos]

140b Letter form JA Moore, AA, OPTS, USEPA,
To: SD Symms
Subject: Response to (a) above
(09/08/86):2pp.

US Senate (Warner JW)

141a Letter from JW Warner
To: C Deremr, Congressional Relations, EPA.
(03/10/86):1p.
w/enclosure:(1)

(1) Letter from LA Nault, Hill School, Middleburg, VA
To JR Warner.
Subject: Support of EPA's proposed rule on Asbestos.
(01/25/86):1p

141b Letter from JA Moore, AA, OPTS, USEPA
To: JW Warner, US Senate.
Subject: Response to (a) above
(03/31/86):1p
w/o enclosure

USAF

142 Letter from GD Vest
M/C (07/01/86): 3pp

Fiche #

USDOI
Letter from B Blanchard
143 M/C (07/10/86):

USDOJ
Letter from CF Rule et al
144a M/C (06/30/86):33pp

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
144b 08/01/86):2pp

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
144c (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
144d (08/27/86):1p

Ushewokunze, C.M.
Secy for Miner, Zimbabwe
145a M/C (03/25/86):2pp

145b USEPA Response to (a) above
(05/28/86):2pp
w/o enclosure

Volkswagen of America, Inc.
Letter from W Groth
146 M/C (05/21/86):3pp

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Fiche #

Vulcan Chemicals
Letter from TA Robinson
147 M/C (06/27/86):7pp

W L Gore & Associates, Inc.
Letter from JF McMillan
148 M/C (05/23/86):1p

W R Grace & Co.
Letter from RJ Bettacchi
149 M/C (06/27/86):6pp

Wagner
150 M/C (06/23/86)
w/enclosures:(6)

(1) Index Wagner Response OPTS Docket No. 62036 - Asbestos Ban 51 FR 3738, January 29, 1986. Part I: Issues Found in Federal Register Text. :22pp

(2) Index Wagner Response OPTS Docket No. #62036 - Asbestos Ban 51 FR 3738, January 29, 1986. Part II: Technical Discussion and Background. :25pp

(3) Index Wagner Response OPTS Docket No. #62036 - Asbestos Ban 51 FR 3738, January 29, 1986. Part III Cleanliness Issues. :11pp

(4) Wagner Response OPTS Docket #62036 -Asbestos Ban 51 FR 3738, January 29, 1986. Part IV Health Issues Related to "Brake Dust" and Jurisdiction. :4pp

Fiche #

150 Wagner (Continued)

(5) Hydraulic Disc and Drum Brake Diagnostic Analysis and Reconditioning Manual 164pp

(6) Buyers' Guide and Stock Record by Part Category for Brake Products. 246pp

Wagner Division, Cooper Industries
151 Request to Extend M/C Period (03/27/86): 1p

Washington, State of, Dept of Social & Health Services, Olympia
152 M/C (04/22/86):1p

Wendell, WL
M/C Letter
To: GE Studds, US Congressman, House of Rep.
153a (02/19/86):1p
w/enclosure

(1) "Facing a Cruel Future - Helplessly,"
[Source Unknown]
[Date Unknown]:50

Letter from GE Studds
To: Klein, TAO, OPTS, USEPA
Subject: Transmittal of (a) above
153b (03/17/86):1p

Letter from JA Moore
To: GE Studds
Subject: Response to (b) above
153c (04/10/86):2pp
w/o enclosure

Fiche #

White Lung Assn.

154a R/P (07/02/86):2pp

154b M/C (07/20/86):1p
w/enclosures: (5)

(1) Kilburn KH et al
"Asbestos Disease in Family Contacts of Shipyard Workers."
AJPH 75:6 (07/85):615-617

(2) Selikoff IJ et al
"Radiological Evidence of Asbestos Disease Among Ship Repair Workers." AMJ of Indus med (1980):9-22

(3) Baxter DM
"Comparison of Asbestos Fibers Counting Efficiency Using Optical and Electron Microscopy." NAC Newsletter (Spring 1985):1, 10-11

(4) Jenkins J
Asbestos Fibers Release from Va Tile. NAC Newsleter (Spring 1985):12-13

(5) ORNL for USDOE (Energy)
Asbestos: A Perspective (March 1978): Cover pages only.

This comment Received by J. Repasch 04/21/88

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.

154c (08/01/86):2pp

Fiche #

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
154d (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
154e (08/27/86):1p

155 Wirtschaftsverband Asbest e.V.
M/C (06/25/86):2pp

Wisconsin Federation of Teachers 156a
R/P (07/27/86):1p

156b M/C (07/27/86):2pp

Wisconsin, State of,
Office of the Governor
157 M/C (06/20/86):2pp

Wisconsin, State of,
Dept. of Industry, Labor and Human Relations
158a R/P (06/27/86):1p
[SEE 157 for M/C]

Letter from DL Dull, CCD, OPTS, USEPA
To: Asbestos Hearing Participants
Subject: Procedures for Cross Examination Phase of the Informal Hearing.
158b (08/01/86):2pp

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Fiche #

Wisconsin, State of,
Dept. of Industry, Labor
Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Availability of Transcripts from the Legislative Phase of the Informal Hearing.
158c (08/15/86):1p

Letter from DL Dull
To: Asbestos Hearing Participants
Subject: Completion of the Record and Closing of the Legislative Phase of the Informal Hearing.
158d (08/27/86):1p

159 Ziem G
M/C (05/12/86):17
w/enclosure

(1) "Asbestos Disease in Brake Repair Workers. Asbestos: Medical and Legal Aspects" 128 Job Asbes-0012-04 Gall. 0005-00 Law & Bus (802) (undated): 457-460

160 Zimbabwe, Ministry of Mines
M/C (06/18/86):3pp

ED_001470_00013167 ED_001470_00013168-00403