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DOCUMENTS RECEIVED FROM DR. EPSTEIN

BOX NO. 1

Folder A

Article from Chemistry in Canada, Summer 1977, entitled:
"An Overview of the Vinyl Chloride Hazard in Canada."

Article from Environmental Research 16,333-341 (1978), entitled:
"Some Biochemical and Histopathological Changes Induced by
Polyvinyl Chloride Dust in Rat Lung" by D. K. Agarwal, J.L.Kaw,
S.P.Srivantava and Prahlad K. Seth (India)

Article entitled "Acrylonitrile", Current Intelligence Bulletin,
dated July 1, 1977, by John F. Finklea, M.D., Director (NIOSH)

Article from Thoras, 1978, 33,19-25, entitled: "Polyvinyl Chloride
Pneumoconiosis" by A. Arnaud, P. Fommier deSanti, L. Garbe,
H. Payan and J. Charpin (France)

Article from Journal of Occupational Medicine, Vol. 16, No. 12/
December 1974, entitled "Angiosarcoma of the Liver in Vinyl
Chloride/Polyvinyl Chloride Workers [Attachment 18b] (1 page)

Article entitled "EPA Programs of Monitoring Vinyl Chloride in
Ambient Air (May 1974, Nov. 1974-May 1975, Feb-June 1975) from
Environmental Protection Agency, Office of Air Quality Planning
and Standards, Research Triangle Park, N.C. 27711, dated 2/2/76.

Folder B

Article from British Medical Journal, Oct. 8, 1977, entitled
"Angiosarcoma of the liver in Great Britan, 1963-73" by Peter J.
Baxter, Peter P. Anthony, Roderick N.M. MacSween, Peter J. Scheuer.

Article from The Lancet, January 21, 1976, entitled "Angiosarcoma
of the Liver in P.V.C. Fabricators" by P. Baxter

Preliminary Draft of article entitled "Research Proposal to
Amalgamated Meat Cutters and Butcher Workmen of North America,
AFL-CIO" prepared by Dr. J.I.Barancik, Dr. T.M.Tuthill of Case
Western Reserve University, School of Medicine, dated 11/25/74,
together with Appendix I entitled "Summary of Background Informa-
tion on Occupational Hazards in the Preparation of Meat Products".

Article entitled "Thermal Decomposition of Meat Wrapping Film" by
H.H.Bovee, Ph.D., L.E.Monteith and R.M.Orheim, Dept. of Environ-
mental Health, School of Public Health & Community Medicine, U. of
Washington.

Article re PVC entitled "Combustion Products from the Incineration
of Plastics" by E.A.Boettner, G.L.Ball and B.Weiss, U. of Mich.,
dated July 1973.

References from the abov article (all available from National
Technical Information Service in Springfield, Va.

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Article from Mutation Research (The Netherlands), entitled: "Mutagenic and Carcinogenic Effects of Vinyl Chloride" by H. Bartsch and R. Montesano (France), accepted June 15, 1975.

Article from Annals of Internal Medicine, entitled: "Vinyl Chloride Associated Liver Disease" by Paul D. Berk, M.D., F.A.C.P. (1976) (84:717-731, 1976)

Article entitled "Epidemiological Study of Vinyl Chloride Exposed Workers in Italy: I-Methodology; II-Clinical and Laboratory Findings; III-Mortality Data" by P.A.Bertazzi, A.Villa, V.Foa, B.Saia, L.Fabbri, C.Mapp, C.Marcer, M.Manno, M.Machi, F.Mariani, and F.Bottasso of the Institute of Occupational Health, U. of Milan, Italy (written: Sept. 78)

Article entitled "Scintigraphy of Liver and Spleen in Vinyl Chloride Workers" by H.J.Biersack, T.San Luis, Jr., C.E.Lange, M.Thelen, G.Veltman, C. Winkler of U. of Bonn, Germany (Georg Thieme, Verlag Stuttgart) from Acta/Hepato-Gastroenterol: 24 (1977) 356-361

Article entitled "A Guide to the Literature and Patents Concerning Polyvinyl Chloride Technology" (2d Ed), edited by Lloyd R. Whittington (published by the Society of Plastics Engineers, Inc., for the 1963 Vinyl Professional Activities Group).

Article entitled "Sequential Scintigraphy of Liver and Spleen in Patients with Vinyl Chloride Disease" by H.J.Biersack, C.E.Lange, H.Ebinger, H.J.Marsteller, W.K.Lelbach, G.Veltman and C.Winkler (Deut.Med.Wochenschr. 100 (12), 615-7 (1975))

Article entitled "Exposure to Halogenated Hydrocarbons in the Indoor Environment" by Kenneth Bridbord, Paul E. Brubaker, Bruce Gay, Jr. and Jean G. French in Environmental Health Perspectives, Vol. II, pp. 215-220, 1975, June.

Report prepared by G.J.Butler: "Health Hazard Evaluation Determination Report No. 74-149-180" for NIOSH

Article entitled "Mortality Experience of Workers in a Vinyl Chloride Monomer Production Plant" from Journal of Occupational Medicine, Vol. 21, No. 3, March 1979, by Patricia A. Buffler, Ph.D., Susan Wood, M.A., Clayton Eifler, Ph.D., Lucina Suzrez, M.S., and Duane J. Kilian, M.D.

Article from Environmental Health Perspectives, Vol. 17, pp. 167-170, 1976, entitled "Mortality and Cancer Morbidity in a Group of Swedish VCM and PCV Production Workers" by D. Byren, G. Engholm, A. Englund and P. Westerholm (Sweden)

Article from National Cancer Institute, Vol. 59, No. 5, Nov. 1977, entitled "Angiosarcoma of the Liver: An Epidemiologic Survey" by Judith Brady, B.S., Florinda Liberatore, Philip Harper, B.S., Peter Greenwald, M.D., William Burnett, M.D., J.N.P.Davis, M.D., Monica Bishop, M.D., Adele Polan, M.A. and Nicholas Vianna, M.D.

Literature Search No. 75-25 from National Library of Medicine, U.S. Dept. of HEW, entitled "Adverse Effects of Vinyl Chloride", January 1973 through November 1975.

Vinyl Chloride Studies (written: "Bibliography (Air Products) 4/14/76")

Vinyl Chloride Bibliography, Draft - 2/26/74

Attachment E to Third Supplemental Interrogatories (written: "Biblio V.C.")

Article entitled "Industry-Wide Study of Workers Exposed to Acrylonitrile" by Jane Brown and Cynthia Robinson (marked DRAFT) for NIOSH 1977.

Bibliography PVC (PVC by RJK 7/10/79)

Folder C

Article from IRCS (Research on Cancer; Pharmacology; Respiratory System; Social and Occupational Medicine) 2,1532 (1974), entitled "Oncogenicity of Vinyl Chloride at Low Concentrations in Rats and Rabbits" by A. Caputo, P. Viola and A. Bigotti (Italy) (one page)

Article entitled "Squamous Cell Carcinoma of the Buccal Mucosa Associated with Chronic Oral Polyvinyl Chloride Exposure (Report of a Case)" by Charlotte L. Casterline, M.D., Peter F. Casterline, M.D. and Darrell A. Jaques, M.D., FACS (Cancer 39:1686-1688, 1977).

Article entitled "Monitoring the Concentration of Vinyl Chloride in the Work Place or Ambient Air" from Chemicals and Plastics (with Appendix 1 only)

Article from Journal of Occupational Medicine, Vol. 19, No. 9, September 1977, entitled "Mortality Among Employees of PVC Fabricators" by Leonard Chiazze, Jr., Sc.D., William E. Nichols, Ph.D., and Otto Wong, Sc.D.

Article entitled "Mortality Among PVC Fabricating Employees" by Leonard Chiazze, Jr., Sc.D. and Lorraine D. Ference, M.S., Georgetown U.

Article from Morbidity and Mortality Weekly Report, June 15, 1974, entitled "Epidemiologic Notes and Reports Angiosarcoma of the Liver--Connecticut"

News Release, U.S. Consumer Product, Safety Commission, Washington, D.C., April 26, 1979, entitled "CPSC Cancer Study Suggests New Potential Risks".

Statement of Bertram Robert Cottine and Andrea M. Hricko of Health Research Group, Washington, D.C. on "Proposed Permanent Standard on Vinyl Chloride", July 9, 1974 (OSHA)

Folder D

Report of Two Cases: Accidental Poisoning by Vinyl Chloride, by H. Danziger, M.D., D.T.M., Welland, Ont. (reprinted from The Canadian Medical Association Journal, 82:828-830, April 16, 1960)

Article from Journal of Occupational Medicine, Vol. 20, No. 5., May 1978, entitled "Ten Cases of Angiosarcoma of the Liver in Shawinigan, Quebec" by Fernand Delorme, M.D. and Giles Theriault, MD

Article from American Laboratory, May 1974 entitled "Vapor-phase Pyrolysis and GC Analysis of Fire-Retardant Materials Containing PVC" by J.V. Derby and R.W. Freedman (Bureau of Mines)

Article from JAMA, Jan. 26, 1976, Vol. 235, No. 4, entitled "Polyvinyl Chloride Toxicity in Fires" by Robert F. Dyer, M.D. and Victor H. Esch, M.D.

Article from "Arch Environ Health--Vol. 22 Jan. 1971" entitled "Occupational Acroosteolysis" by Bertram D. Dinman, M.D., Warren A. Cook; Walter M. Whitehouse, M.D.; and Harold J. Magnuson, M.D. and Theodore Ditchek, M.D. ("I. An Epidemiological Study")

Same as above (III. A Clinical Study)

Article: "Vinyl Chloride, Birth Defects and Fetal Wastage: A Critical Review" by "Thomas D. Downs, MPH, Ph.D.; Reuel A. Stallones, M.D., MPH; Ralph F. Frankowski, M.S., MPH, Ph.D.; Darwin R. Labarthe, M.D., MPH, Ph.D. Prepared for The Society of Plastic Industries, Inc., Sept. 16, 1977.

Article from The Lancet, Dec. 13, 1975, entitled: "Mortality Study of Workers in a Polyvinyl-Chloride Production Plant" by B.W. Duck, J.T. Carter, and E.J. Coombes.

Article from The Lancet, July 24, 1976, entitled "Vinyl Chloride and Mortality?" by Duck and Carter.

Article from Toxicology, 11 (1978) 19-27 (Elsevier/North Holland Scientific Publishers Ltd), entitled "Mutagenicity of Acrylonitrile".

Current Intelligence Bulletin: Acrylonitrile, July 1, 1977 (NIOSH).

Folder E

Article from SCIENCE, May 1976, entitled "Scientific Freedom and Responsibility" by John T. Edsall (Vol. 188, No. 4189)

Article entitled "Attachment 2: Early Literature on the Toxicology of VCM/PVC" (written: "unpublished")

Article from Environmental Health Perspectives, Vol. 17, pp. 237-239, 1976, entitled "Recent Achievements and Research Initiated in the Swedish Plastics and Rubber Industry" by Anders Englund and Bo Holmberg (Sweden)

Final Report: "Supplementary Epidemiological Study of Vinyl Chloride Workers II" prepared for Manufacturing Chemists Association by Equitable Environmental Health, Inc., New York, September 1976.

Article entitled "Epidemiologic Study of Vinyl Chloride Workers Employed by Union Carbide Corporation, South Charleston Plant", prepared for Union Carbide by Equitable Environmental Health, Inc., Berkley, Calif.

Final Report: Epidemiological Study of Vinyl Chloride Workers, prepared for Manufacturing Chemists Assoc. by Equitable Environmental Health, Inc., Rockville, Md., January 1978.

Draft article 3/9/79 (Falk-Manu: Disk #19), "Lung Cancer at a Polyvinyl Chloride (PVC) Polymerization Facility) by H. Falk, M.D., R.J. Waxweiler, Ph.D., J. Herbert, M.D., M. Kuschner, M.D., O. Auerbach, M.D., L. Makk, M.D., C. Tamburo, M.D.

Memorandum dated January 3, 1977 from Dept. of HEW, Associate Institute Director, Cincinnati Operations re "Update Information on Vinyl Chloride" (1 page)

Article from American Cancer Society (Cancer 47:382-391, 1981) entitled "Review of Four Cases of Childhood Hepatic Angiosarcoma--Elevated Environmental Arsenic Exposure in One Case" by Henry Falk, M.D.; John T. Herbert, M.D.; Larry Edmonds, MPH; Clark W. Heath, Jr., MD; Louis B. Thomas, M.D.; and Hans Popper, M.D. Ph.D.

Article from The Lancet, Nov. 24, 1979, entitled "Hepatic Angiosarcoma Associated with Androgenic-Anabolic Steroids" by Henry Falk, Hans Popper, Louis B. Thomas and Kamal G. Ishak.

Article from JAMA, Oct. 11, 1976, Vol. 236, No. 15, entitled "Angiosarcoma of the Liver in a Rural Population", by Justus J. Fiechtner, M.D., Cesar N. Reyes, Jr., M.D.

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Article from British Journal of Industrial Medicine, 1977, 34, 1-10, entitled "Mortality experience of workers exposed to vinyl chloride monomer in the manufacture of polyvinyl chloride in Great Britain" by A. J. Fox and P. F. Collier.

Article from Brit. J. prev. soc. Med. (1976), 30, 225-230, entitled "Low mortality rates in industrial cohort studies due to selection for work and survival in the industry" by A.J. Fox and P.F. Collier.

BOX NO. 2

Folder G

Article from American Cancer Society entitled "Angiosarcoma of the Penis with Hepatic Angiomas in a Patient with Low Vinyl Chloride Exposure" by Latifa Ghandur-Mnaymneh, M.D. and Mario S. Gonzalez, M.D. (Cancer 47:1318-1324, 1981)

Article from Annals New York Academy of Sciences entitled "Measurements of Vinyl Chloride from Aerosol Sprays" by Bruce W. Gay, Jr., William A. Lonneman, Kenneth Bridbord and John B. Moran

Study entitled "Resolution of Dose-Response Toxicity Data for Chemicals Requiring Metabolic Activation: Example--Vinyl Chloride" by P.J.Gehring, P.G.Watanabe and C.N.Park, dated July 12, 1977 for the Manufacturing Chemists Assoc., Washington, D.C.

Folder H

Summary of Background Information on Occupational Hazards in the Preparation of Meat Products (Preliminary Draft), prepared by Dr. Dale Hattis, Mr. Peter Dollive and Dr. Jerome I. Barancik, dated May 10, 1974.

Article entitled "Percutaneous Absorption of Vinyl Chloride (VCM) Gas in the Rhesus Monkey" by R. Hefner, P. Watanabe, P. Gehring, Dow Chemical USA - Midland, Mich. (written--"1974")

Pre-publication release as of April 1, 1979 - "Toxicology, Carcinogenicity and Reproductive Effects of Single and Multiple Exposures to Vinyl Chloride in Rats and Mice by Robert Hehir, Ph.D., George Bierbower, et al.

Article from "Work-environm.-hlth 11 (1974) 138-144" entitled "The industrial toxicology of vinyl chloride--A review" by Bo Holmberg, Ph.D and Gustavo Molina, M.D.

An "invited paper" entitled "Some Aspects on Dose-Response in Vinyl Chloride Induced Liver Injury and Tumours in Mice" by Bo Holmberg, T. Kronevi and M. Winell, June 30, 1977. (Sweden)

Article from Section of Occupational Toxicology, Natl Board of Occupational Safety & Health, Stockholm, Sweden, entitled: "The Pathology of Vinyl Chloride Exposed Mice" by B. Holmberg, T. Kronevi and M. Winell (Acta vet. scand. 1976, 17, 328-342)

"Mortality Study of Workers at the Painesville, Ohio Uniroyal Plant" by Dale Herman, M.S.P.H. and Dragana Andjelkovic, M.D., MPH, submitted to The Joint URW-Uniroyal Occupational Health Committee, July, 1975.

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Folder I

IARC Monographs on the Evaluation of the Carcinogenic Risk of Ehcimals to Humans (1979), Vol. 19, entitled "Vinyl Chloride, Polyvinyl Chloride and Vinyl Chloride-Vinyl Acetate Copolymers."

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (1979), Vol. 19, entitled "Acrylonitrile, Acrylic and Modacrylic Fibres, and Acrylonitrile-Butadiene-Styrene and Styrene-Acrylonitrile Copolymers".

Mutation Research, 41 (1976) 131-142, Elsevier/North Holland Biomedical Press--article entitled "Carcinogenic, Mutagenic and Teratogenic Risks Associated with Vinyl Chloride" by Peter F. Infante, Joseph K. Wagoner and Richard J. Waxweiler (NIOSH).

Article from The Lancet, April 3, 1976, entitled "Genetic Risks of Vinyl Chloride" by Peter F. Infante, Joseph K. Wagoner, Anthony J. McMichael, Richard J. Waxweiler and Henry Falk (NIOSH).

Article entitled "Oncogneic and Mutagenic Risks in Communities with Polyvinyl Chloride Production Facilities" by Peter F. Infante, Ohio Dept. of Health, Columbus, Ohio, from Annals New York Academy of Sciences.

NIOSH report entitled "Genetic Risks of Vinyl Chloride" dated January 28, 1976, by Peter F. Infante, et al.

Folder J

Article entitled "Pyrolytic Evaporation of a Plasticizer from Polyvinyl Chloride Meat Wrapping Film" by Rudolph J. Jaeger and Ronald A. Hites.

Article "Meat-Wrappers Asthma: Current Status of the Problem" by Carl J. Johnson, M.D., MPH, and Herbert W. Anderson, B.S., R.S. presented to OHS Section in New Orleans, La. 10/23/74

Study entitled "Worker Exposure to Vinyl Chloride and Polyvinyl Chloride" by James H. Jones, NIOSH.

Draft report entitled "Worker Exposure to Vinyl Chloride in Vinyl Chloride and Polyvinyl Chloride Production and Fabrication" by James H. Jones (NIOSH)

Folder K

Article from American Chemical Society (1979) entitled "Small Molecule Migration in Products Derived from Glassy Polymers" by William J. Koros and Harold B. Hopfenberg (N.C.State U.)

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Article entitled "Quantitative Risk Assessment for Community Exposure to Vinyl Chloride" by Arnold M. Kuzmack and Robert E. McGaughy, Dec. 5, 1975.

Citizen Petition re "Vinyl Chloride from Food Packaging" to Food and Drug Administration, dated July 1, 1975.

Article from Environmental Health Perspectives, Vol. 17, pp. 107-115, 1976, entitled "PVC: Health Implications and Production Trends" by Myra Karstadt (Oct. 1976)

Article from American Industrial Hygiene Association Journal, January, 1972, entitled "The Correlation of Clinical and Environmental Measurements for Workers Exposed to Vinyl Chloride" by C.G.Kramer, M.D. and J. E. Mutchler (The Dow Chemical Co.)

Folder L

Article entitled "Studies on the Mutagenicity of Vinyl Chloride Metabolites and Related Chemicals" by A. D. Laumbach, S. Lee, J. Wong and U.N. Streips, U. of Louisville School of Medicine.

Article reprinted from American Industrial Hygiene Association Journal, Vol. 31, Jan-Feb, 1970, entitled "Effects of Repeated Inhalation of Vinyl Bromide in Laboratory Animals with Recommendations for Industrial Handling" by B.K.J.Leong and T.R.Torkelson (The Dow Chemical Co.)

Article from American Industrial Hygiene Journal, entitled "Effects of Single and Repeated Exposures of Humans and Rats to Vinyl Chloride" by D. Lester, Ph.D., L.A.Greenberg, Ph.D. and W. Robert Adams, M.D. (Yale U.) (May 1962)

Article entitled "Review of Pulmonary Effects of Polyvinyl Chloride and Vinyl Chloride Exposure" by Ruth Lilis, M.D., May 22, 1980, City U. of N.Y., Mt. Sinai School of Medicine.

Article from Journal of Occupational Medicine, Vol. 15, No. 12, Dec. 1974, entitled "Angiosarcoma of the Liver in Vinyl Chloride/Polyvinyl Chloride Workers".

Commentary from CHEST, 78:6, Dec. 1980, entitled "Vinyl Chloride and Polyvinyl Chloride Exposure and Occupational Lung Disease" by Ruth Lilis, M.D.

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Folder M-1

Article entitled "Vinyl Chloride and Human Reproduction" by Brian MacMahon, M.D., Aug. 11, 1977

Reprinted from CANCER, Vol. 37, No. 1, Jan. 1976. Article entitled "Clinical and Morphologic Features of Hepatic Angiosarcoma in Vinyl Chloride Workers" by Laszlo Makk, M.D., et al.

Article from Biochemical and Biophysical Research Communications, Vol. 63, No. 2, 1975, entitled "Mutagenicity of Vinyl Chloride, Chloroethyleneoxide, Chloroacetaldehyde and Chloroethanol" by C. Malaveille, et al. (France)

Chemical Safety Data Sheet SD-56, Properties and Essential Information for Safe Handling and use of VINYL CHLORIDE, Revised April 1, 1977, Manufacturing Chemists Association (Eugene Maliko, et al., Third Supplemental Interrogatories, Attachment "C")

Article in Italian by Cesare Maltoni: handwritten: "Use of Experimental Tests in the Prediction of Environmental Oncogenic R_____ to Vinyl Chloride", together with article in French by Pierre Clairambault [which might not have anything to do with VC].

Article entitled "Vinyl Chloride Carcinogenicity: An Experimental Model for Carcinogenesis Studies" by C. Maltoni, Bologna, Italy.

Article entitled "An epidemiological study of pneumoconiosis in the Italian polyvinyl chloride industry [sic]" by G. Mastrangelo, et al.

Article from JAMA, Sep. 20, 1976, Vol. 236, No. 12, entitled "Capillary Abnormalities in Polyvinyl Chloride Production Workers" "Examination by In Vivo Microscopy", by Hildegard M. Maricq, MD, et al.

Article from British Journal of Industrial Medicine, 1978, 35, 1-7, entitled "In vivo observations of skin capillaries in workers exposed to vinyl chloride. An English-American comparison" by H.R. Maricq, et al.

Folder M-2

Article from "Amer. Ind. Hyg. Assoc. J. 21:394 (1960)" entitled "Acute Inhalation Toxicity of Vinyl Chloride to Laboratory Animals" by E. Mastromatteo, M.D., et al. (Canada)

Article by Cesare Maltoni, Bologna, October 29, 1974, entitled "Oncogenicity: Bioassays of Vinyl Chloride: Plan, Current Results and Perspectives".

Article from Environmental Health Perspectives, Vol. 11, pp. 79-84, 1975, entitled "Cancer Mortality in U.S. Counties with Plastics and Related Industries" by Thomas J. Mason. (June 1975)

Article from Environmental Health Perspectives, Vol. 11, pp. 75-77, 1975, entitled "Proportional Mortality among Vinyl Chloride Workers" by Richard R. Monson, et al. (June 1975)

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Article from Annals New York Academy of Sciences, entitled "Carcinogenicity Bioassays of Vinyl Chloride: Current Results" by Cesare Maltoni and Giuseppe Lefemine, Bologna, Italy. (1975)

"Conference to Reevaluate the Toxicity of Vinyl Chloride, PVC and Structural Analogs, March 20-21, 1980"--Article entitled "Mortality and Cancer Rates among workers with Swedish PVC Processing Industry" presented by Gustavo Molina, Sweden.

Study entitled "Teratologic Evaluation of Acrylonitrile Monomer Given to Rats by Gavage" by F.J.Murray, et al., Nov. 3, 1976 (Dow Chem.)

BOX NO. 3

Folder N

Report "For administrative use limited distribution not for publication" to Director, Center for Disease Control from NIOSH re: Angiosarcoma of the Liver Among Vinyl Chloride Workers, Louisville, Kentucky, dated May 13, 1974.

Article entitled "Mortality Experience of a Cohort of Vinyl Chloride-Polyvinyl Chloride Workers" by William J. Nicholson, E. Cuyler Hammond, Herbert Seidman and Irving J. Selikoff (Annals New York Academy of Sciences, pp. 225-230)

Article entitled "Effect of Orally Administered Plasticizers and Polyvinyl Chloride Stabilizers in the Rat" by M. Nikonow, H. Mazur and H. Piekacz (Warsaw, Poland), from Toxicology and Applied Pharmacology 26, 253-259 (1973).

DHEW (NIOSH) Publication No. 78-116, "A Recommended Standard for Occupational Exposure to . . . Acrylonitrile (handwritten: Sept. 1977)

DHEW (NIOSH) Publication No. 79-102, "Vinyl Halides Carcinogenicity", Current Intelligence Bulletin 28, September 21, 1978.

"Status Report on the 2 Year Study Incorporating Acrylonitrile in the Drinking Water of Rats" by J.M.Norris, Dow Chemical, Jan. 12, 1977.

A [NIOSH] report on "Acrylonitrile: Human Health Effects and Hazard Evaluation", undated.

Folder O

Article from Journal of Occupational Medicine, Vol. 22, No. 4, April 1980, entitled "Epidemiologic Study of Workers Exposed to Acrylonitrile" by Maureen T. O'Berg, Ph.D.

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Article from "Arch Environ Health/Vol 30, July 1975" entitled "Vinyl Chloride Exposure in a Controlled Industrial Environment" by Marvin Gerald Ott, MS; Ralph R. Langner, PhD; Benjamin B. Holder, MD (from Dow Chemical)

Article from Organization Resources Counselors, Inc., entitled "Report on a Case Control Study Covering White Female Employees of PVC Fabricators", dated May 1977.

Article from Organization Resources Counselors, Inc., entitled "Report on a Mortality Study [handwritten: PMR] Covering Employees of PVC Fabricators", dated February 1976.

Folder P

Article from Annals New York Academy of Sciences, entitled "Alterations of Liver and Spleen Among Workers Exposed to Vinyl Chloride" by Hans Popper and Louis B. Thomas (pp. 172-194)

Article from The Lancet, Sept. 7, 1974, entitled "Proportional Mortality Among Vinyl-Chloride Workers"

Article from American Journal of Pathology, Vol. 92, No. 2, August 1978, entitled "Development of Hepatic Angiosarcoma in Man Induced by Vinyl Chloride, Thorotrast, and Arsenic" ("Comparison with cases of unknown etiology") by Hans Popper, MD, PhD., Louis B. Thomas, MD, Norman C. Telles, MD, Henry Falk, MD and Irving J. Slikoff, MD.

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Folder R

Article from Information Company of America Translations (from German), entitled "Epidemiological Study of the Mortality of Workers Exposed to Vinyl Chloride (VC) in the FRG" by W. Reinl, H. Weber and E. Greiser, dated September, 1977.

Article from British Medical Journal, April 20, 1974 (1 p.) entitled "Vinyl Chloride and Cancer" by Francis J.C. Roe of London.

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Article entitled "Diffusion of Vinyl Chloride in Polyvinyl Chloride Below the Glass Transition Temperature" by John F. Scamehorn and Kang Yang of Continental Oil Co., Oklahoma.

Article from Journal of the Association of Official Analytical Chemists, 58(6): 1211-1213, 1975, entitled "The Food and Drug Administration and the Vinyl Chloride Problem--An Overview" by Robert M. Schaffner and Pasquale Lombardo of Bureau of Foods, Food & Drug Adm.

Excerpts (pp. 293-309) of PVC Conference: topic: "An Epidemiological Study of Respiratory Diseases in the United Kingdom Workers Exposed to Polyvinyl Chloride Dust" by Dr. Anthony S aton, U. of Edinburgh. [1980 ?]

Article from Toxicology and Applied Pharmacology 9, 501-504 (1966), entitled "Chronic Oral Toxicity to Rats of a Vinyl Chloride-Vinyl Acetate Copolymer" by Henry F. Smith, Jr. and Carrol S. Weil of Mellon Institute.

Article from JAMA, Nov. 5, 1973, Vol. 226, No. 6, entitled "Meat-Wrapper's Asthma, a N-w Syndrome?" by William N. Sokol, MD; Yossef Aelony, MD; Gildon N. Beall, MD of California.

Article reprinted from Journal of Occupational Medicine, June, 1978, Vol. 20, No. 6, entitled "Angiosarcoma of the Liver in Vinyl Chloride/Polyvinyl Chloride Workers" (1977 update of the NIOSH Register) by Robert Spirtas, Dr. P.H., and Rose Kaminski, M.S. Hyg.

Article from Chemistry and Industry, June 5, 1978, entitled "The vinyl chloride monomer health problem" by John Stafford of ICI, Plastics Div.

Article entitled "Control of Vinyl Chloride Emissions in Distribution Operations" by M.E. Sutherland and R.N. Wheeler, Jr. of Union Carbide Corp.

Report entitled "A Proportional Mortality Analysis of a Chemical Plant in Massachusetts" by Karen Stanislawczyk, MPH, Rose Kaminski, M.S. Hyg., Robert Spirtas, Dr. P.H., Taft Laboratories.

Article from Environmental Research 16, 285-301 (1978) entitled "Pulmonary Tumors Induced in Mice by Vinyl Chloride Monomer" by Yasunosuke Suzuki, Mt. Sinai School of Medicine.

Article from Institute of Pathological Anatomy and IV, Dept. of Surgery, Semmelweis Medical U., Budapest, Hungary, entitled "Pneumoconiosis Caused by the Inhalation of Polyvinylchloride Dust" by B. Szende, MD, K. Lapis, MD, D.Sc., A. Nemes, MD, and A. Pinter, MD. (Vol. 61, n. 8-9, 1970)

Article from British Journal of Industrial Medicine, 1978, 35, 219-22, entitled "Health Effects of acrylonitrile in acrylic fibre factories" by H. Sakurai, M. Onodera, T. Utsunomiya, H. Minakuchi, H. Iwai and H. Matsumura of Tokyo, Japan

Folder T

Article entitled "Vinyl Chloride and Its Polymers" by Irving R. Tabershaw, MD, from Journal of Occupational Medicine, Vol. 16, No. 12, Dec. 1974.

Article from Journal of Occupational Medicine, Vol. 16, No. 8, August 1974, entitled "Mortality Study of Workers in the Manufacture of Vinyl Chloride and its Polymers" by Irving R. Tabershaw, MD and William R. Gaffey, Ph.D.

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Report entitled "Birth Defects in a Community Located Near a Vinyl Chloride Plant" by Gilles P. Theriault and Lise Goulet of Dept of Social and Preventive Medicine, Laval U., Quebec

Article reprinted from New England Journal of Medicine, 292:17-22 January 2, 1975, entitled "Vinyl-Chloride-Induced Liver Disease from Idiopathic Portal Hypertension (Banti's Syndrome) to Angiosarcomes" by Louis B. Thomas, MD, Hans Popper, MD, Ph.D., Paul D. Berk, MD, Irving Selikoff, MD and Henry Falk, MD.

Article from Industrial Hygiene Journal, Oct. 1961, entitled "The Toxicity of Vinyl Chloride as Determined by Repeated Exposure of Laboratory Animals" by T.R.Torkelson, MS, F.Oyen and V.K.Rowe, MS (Dow Chemical)

Statement of the Manufacturing Chemists Association before the Subcommittee on the Environment of the Senate Committee on Commerce on Vinyl Chloride, August 21, 1974, by Theodore R. Torkelson.

- Article from Archives of Toxicology, Springer-Verlag, 1978; entitled "Analysis of Chromosomes of Workers Exposed to Acrylonitrile" by A.M. Thiess and I. Fleig of Federal Republic of Germany.

Folder U-V

Review article from Chem.-Biol. Interactions, 22 (1978) 117-124, Elsevier/North Holland Scientific Publishers Ltd., entitled "Vinyl Chloride and Vinyl Benzene (Styrene)--Metabolism, Mutagenicity and Carcinogenicity" by Harri Vainio of Helsinki, Finland.

Article from American Industrial Hygiene Association Journal entitled "Evaluation and Reduction of Air Contaminants Produced by Thermal Cutting and Sealing of PVC Packaging Film" by R.W.Van Houten, A.L.Cudworth, Sc.D. and C.H. Irvine of Liberty Mutual Research Center.

Article entitled "Cancerogenic Effect of Vinyl Chloride" by P.L.Viola of Regina Elean Inst. for Cancer Research, Rome, Italy (handwritten: Xth International Cancer Congress, Houston, Texas 1970)

Article from Cancer Research 31, 516-522, May 1971, entitled "Oncogenic Response of Rat Skin, Lungs and Bones to Vinyl Chloride" by P.L. Viola, A. Bigotti and A. Caputo of Rome, Italy

Report entitled "The Vinyl Chloride Disease" by P.L.Viola, summer (1970).

Folder W

"Letter to the Editor", The Lancet, 1976, entitled "Vinyl Chloride and Immortality" by J.K.Wagoner, P.F.Infante and R.Saracci

Article reprinted from Origins of Human Cancer, 1977 Cold Spring Harbor Laboratory, entitled "Vinyl Chloride: A Case for the Use of Laboratory Bioassay in the Regulatory Control Procedure" by J.K.Wagoner and P.F.Infante (NIOSH)

Article reprinted from Polymer Engineering and Science, Vol. 18, No. 5, April 1978, entitled "Vinyl Chloride Formation from the Thermal Degradation of Poly (Vinyl Chloride)" by I.B.Wakeman and H.R.Johnson (Tenneco Chemicals)

Article from Annals of New York Academy of Sciences entitled "Neoplastic Risk Among Workers Exposed to Vinyl Chloride" by Richard J. Waxweiler, William Stringer, Joseph K. Wagoner and James Jones (NIOSH), and Henry Falk and Coleman Carter.

Article from Environmental Health Perspectives, Vol. 17, pp. 211-216, 1976, entitled "Biological Effects of Vinyl Chlorid : An Experimental Study" by M. Winell, B. Holmberg and T. Kron vi (Sweden)

Report on "Automatic Monitoring Systems for Vinyl Chloride" by R. N. Wheeler, Jr. (Union Carbide Corp.), November, 1977.

Report on "Polyvinyl Chloride Processes and Products" by R.N. Wheeler, Jr. of Union Carbide, March 17, 1980.

Report on "Specialty Vinyl Chloride Resin Processes Effects of Governmental Regulations" by R.N.Wheeler, Jr., Sept. 1, 1976.

Article reprinted from Journal of The American Medical Association, Aug. 21, 1967, Vol. 201, pp. 577-581, entitled "Occupational Acroosteolysis" (Report of 31 Cases) by Rex H. Wilson, MD, William E. McCormick, MS, Carroll F. Tatum, MD, and John L. Creech, MD

Article entitled "An Epidemiologic Investigation of an Excess Lung Cancer Risk in a Synthetic Chemicals Plant" by Richard J. Waxweiler, Allen H. Smith, H.A. Tyroler and Henry Falk (NIOSH, etc.) [1978 ?]

Article from Journal of Environmental Pathology and Toxicology, 1:351-362 (copyright 1978), entitled "Vinyl Chloride and Pulmonary Cancer" by Joseph K. Wagoner, S.D.Hyg. (OSHA)

"A Cross-Sectional Epidemiologic Survey of Vinyl Chloride Workers" by Richard J. Waxweiler, MSIE, Henry Falk, MD, MPH, Anthony McMichael, MD, Ph.D., Joseph S. Mallov, MD, A. Scott Grivas, MD, William T. Stringer, MS, for Dept. of HEW, April 1977.

Report entitled [unknown]. Abstract: "This cross-sectional medical survey of 433 predominantly white male employees divided into four VCM exposure groups (never, light, heavy, former), determined the prevalence of illnesses and abnormalities based on data gathered by interview, medical examination, blood and pulmonary function tests, liver scans, and hand and chest x-rays. Author ?; Date ?

Report entitled "Vinyl Chloride - Polyvinyl Chloride: A Review of Carcinogenic and Other Toxicologic Effects" by Joseph K. Wagoner, S.D.Hyg. and Peter Infante, DDS, Dr. P.H. (OSHA) (1979 ?)

Same as above, but with 3-page summary attached.

Folder X-Y - Empty

Folder Z - Empty

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PENDAFLEX FOLDER NO. 1

1. Stanley Mikyska Personal History (3 pp)
2. Authorization for Medical Records and Reports to NIOSH dated June 10, 1980 from Stanley Mikyska with various Harrison Community Hospital records for 1976 thru Jan. 1977 - DID NOT COPY
5. Abstract of Deposition of Libardo LaTorre taken Sept. 15, 1980 (2 pp.)

Transcript of Deposition on 9/15/80 - DID NOT COPY

- 5(a). Abstract of Deposition of Libardo LaTorre taken 10/28/80 (3 pp)

Transcript of Deposition on 10/28/80 - DID NOT COPY

6. U.S.D.C., E.D.Mich., Memorandum Opinion and Order, 2/3/81, DID NOT COPY
7. Letter from Dr. Kasperowicz to Paul G. Bogus [sic], dated 2/17/78 (3 pp.) DID NOT COPY
8. Letter from Dr. Daum w/Popper memo and Mt.Sinai reports to Paul G. Bogos dated 10/24/77 - DID NOT COPY

PENDAFLEX FOLDER NO. 2

- Ex 1 Subject: PVC Supplier Identification 0 1968 to present (1 p)
- Ex 2 1968 thru 1975 M96F51 Resin (various Defs.) (4 pp)
- Ex 3 Tentative Specifications and Test Methods for: (various defs) (15 pp)
- Ex.4 Abstract of Deposition of David Cobb on Aug. 4, 1980 (2 pp.)
- Transcript of Deposition of 8/4/80 - DID NOT COPY
- Ex.5 Abstract of Deposition of Thomas Costand on 8/5/80 (starting w/p. 23) (2 pp.)
- Transcript of Deposition of 8/5/80 - DID NOT COPY
- Ex.6 Abstract of Deposition of Dobrila M. Jovovic on 6/16/80 (3 pp)
- Transcript of Deposition on 6/16/80 - DID NOT COPY
- Ex.7 Adrian Pathology Lab report dated 5/26/81 by Dr. Albert F. Schneider, M.D., Pathologist (1 p.)

PENADAFLEX FOLDER NO. 3

R. Roulier, D.O. report dated 4/29/76(?) re Stanley Mikyska (1 p.)

Letter from Dr. Day to Ford Motor Company dated 3/24/77 (3 pp.)

Letter from Dr. Sawyer to Mr. Michael Paddon of Ford, 4/6/78 (4 pp.)

Letter from Dr. Tanay to Paul Bogos, 10/10/79 (4 pp.)

Report prepared by John R. Kominsky, M.S., Industrial Hygienist,
for Ford Motor Co., Sept. 1977 (25 pp)

Item 4, Ford Motor Co. Paint and Vinyl Operations, Mt. Clemens, Mich.
August 1, 1972 DID NOT COPY

O.S.H.A. Material Handling Specifications, 3/27/72 - DID NOT COPY

Memo from T.G. Constand re Approved Supplier Lists - Update, 8/20/76
DID NOT COPY

Mt. Clemens Vinyl Operations, Summary of Major Raw Material Requirements, 1974 - DID NOT COPY

Memo to M.E. Padden from D.B. Cobb re PVC Supplier Identification -
1968 to Present, dated 2/3/78 - DID NOT COPY

Item 1, location Resin Silo - DID NOT COPY

Handwritten - H&S Grievances 1969-1974 (2 pp)

Handwritten - Summary Notes on Interview with M (Detroit 7/18/81)
[presumably Dr. Epstein's handwriting] (1 p.)

LaTorre Deposition Exhibits 1 thru 28 - DID NOT COPY

Memo from Charles E. Plasters (Ford) to A.W.D. Vos (Mt. Clemens)
dated 6/9/78 (3 pp)

Memo from Charles E. Plasters to R.D. Hodge (Mt. Clemens) dated
1/22/79 (3 pp)

Memo from Sarunas Mingela (Ford) to Mr. R.D. Hodge, dated 12/10/79
(4 pp)

Memo from Marunas Mingela to R.D. Hodge, 4/3/80 (3 pp)

SEPARATE

Book entitled "Occupational Carcinogenesis", published by The New
York Academy of Sciences (Annals of The New York Academy of
Sciences, Vol. 271), edited by Umberto Saffiotti and Joseph K.
Wagoner - DID NOT COPY