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FINAL PROGRAM
Fibers in Friction Materials Symposium
October 7-8, 1987

October 7 - FRICTION MATERIALS PERFORMANCE ISSUES

Chairman--A. Anderson, Pres., Tribo Diagnostics Corp., and P. Dougherty, Friction Div. Prod., Inc.

Opening Remarks:
Marv Weintraub, Engrg. & Mtg. Staff, Ford Motor Co., Ed Drislane, Friction Materials Standards Inst. Inc., and C. Forget, The Asbestos Inst.

Brake System Performance--Effects of Fiber Types and Concentrations 872173
A. Anderson, Pres., Tribo-Diagnostics

User Panel Discussion:

Panelists: Ray Andrews, Trenton Brake; Dale Christie, Griffin Wheel Co.; John Hoffman, Ford Light Truck Engrg.; Victor Suski, Amer. Trucking Assoc.; Dr. James Trainor, Brake Systems, Inc.; Sid Williams, NHTSA

DUST CONTROL IN THE WORKPLACE

A review of dust exposure and control methods used in automotive and other manufacturing and repair facilities.

Chairman - Terry Stewart, Dir., Occupational Health, Allied-Signal Corp.

Dust Control Methods and Fibre Exposure in Primary Manufacturing-Yesterday and Today 872175
Rita Grisham, Vice Pres., Human Resources, NUTURN Corp.

Wet and Dry Methods for Dust Control in Brake Repair Shops 872176
Jim Clayton, Pres., Clayton Associates

Dust Control System Design 872174
David Stone, Cons.

Asbestos Exposures During Brake Repair Operations 872177
Dr. Grace Ziem, Occup. Med., Johns Hopkins University

October 8 - FIBERS AND HEALTH ISSUES

Chairman--Dr. Arthur M. Langer, Assoc. Prof., Mt. Sinai School of Medicine, and Dr. M. K. Bette Meek, Health & Welfare Canada

Physicochemical Properties of Fibers and Biological Potential — 872178
Dr. Robert P. Nolan, Mt. Sinai School of Medicine, and Dr. Arthur M. Langer, Assoc. Prof., Mt. Sinai School of Medicine

Toxicity of Asbestos Fiber Types, and the Health Experience in Brake Manufacturing and Repair — 872179
Dr. Janet Hughes, Dept. ofBiostatistics & Epidemiology, Tulane School of Public Health

Toxicity of Man-Made Mineral Fibers (glass and rockwools) — 872180
Dr. Phillip Enterline, Dept. of Biostatistics, Univ. of Pittsburgh

Toxicity of Ceramic and Aramid Fibers, Animal Studies — 872181
Dr. Kenneth Donaldson, Inst. of Occupational Medicine, Univ. of Edinburgh

Toxicity of Wollastonite — 872182
Robert Glenn, Dir., Div. of Respiratory Disease, Appalach. Lab. for Occup. Safety and Health, Natl. Inst. of Occup. Safety and Health-CDC

Implications of Toxicological Testing — Oral Only
Ernest Rosenberg, Exec. Dir., Alternate Materials Institute

Design and Execution of a Toxicity Testing Program for a Unique Fibre - Phosphate Fibre — 872183
Dr. Rashmi S. Nair, Monsanto Co.

Cytotoxicity of Semi-Metallic Brake Residue inCultured Cells - A Comparison with Asbestos and Non-Asbestos Fibers — 872184
Dr. Candace Wheeler, Biomedical Sciences Dept., GM Res. Labs.

REGULATORY AND LEGAL ISSUES

Chairman - Barry Felrice, Assoc. Admin. for Rule-making, Natl. Highway Traffic Safety Admin.

New Performance Standards - Harmonization of European and American Braking Standards 872185
Barry Felrice, Assoc. Admin., NHTSA

Developments in International and National Policies on Asbestos 87
E. H. Siccama, Dir. for Intl. Policies, Dutch Safety and Health Executive

Regulatory Aspects of Raw Material Substitution 872186
Grover Wrenn, Pres., Environ Corp.

Assessment and Regulation of Risks 872187
Sir Edward Pochin, Cons. to the Dir., Nat. Radiological Protection Board

Legal and Regulatory Implication of Brake Lining Substitutes 872188
Allan Parnell, Freeman, Hawkins

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