



JOHNS-MANVILLE CORPORATION
TWENTY-TWO EAST FORTIETH STREET
NEW YORK, N.Y.



EXECUTIVE OFFICES

February 5, 1937

Mr. M. F. Judd, Secretary,
Raybestos-Manhattan, Inc.,
Bridgeport, Conn.

Dear Mr. Judd:

I wish to acknowledge receipt from your office of copies of correspondence exchanged by you with Mr. Gatke, Mr. Gillies and Mr. Blume relative to the participation of their companies in the underwriting of Dr. Gardner's experiments.

For yours and Mr. Simpson's information, I met in New York recently Mr. Offutt, Assistant to the President of U. S. Gypsum Company. He indicated that their company was interested in participating to a limited extent and I informed him that when the agreement had been signed by the other interested members of the industry and returned to me by your Company, I would see that it was directed to him with a description of the proposition which he could present to Mr. Knode. Accordingly, I believe that, after you have handled it with the others, it would be preferable that I follow U. S. Gypsum along the lines of my discussion with Mr. Offutt.

Very truly yours,

Vandiver Brown
Vandiver Brown
General Attorney

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Dr. M. H. Kronenberg Says Disease Hazards Neglected

IMPORTANCE NOT RECOGNIZED

**Clinical Conditions Frequently In-
correctly Diagnosed—Silica and Asbestos
Dust Are Most Dangerous**

Expressing the belief that life underwriters have not appreciated the importance of occupational diseases, Dr. M. H. Kronenberg discussed some aspects of the problem before the Chicago Home Office Life Underwriters Association. Frequently, he said, occupational diseases cause health impairment, disability and death which are of vital interest to the home office life underwriters. Occupational diseases have been diagnosed as anemia, he stated.

Types of Diseases

Dr. Kronenberg discussed various types of occupational diseases. Lead may cause half a dozen clinical conditions and at least 150 industries or trades use lead in some form. Many times, he said, lead poisoning is diagnosed as meningitis. Many harmless appendixes have been removed because of confusion with an occupational disease condition. Lead poisoning causes sterility, miscarriage and premature birth among many women workers. It is also diagnosed as syphilis.

Benzol, which is a coal tar derivative, affects the bone marrow, which it destroys. Formaldehyde is used commonly in many occupations which might appear to be harmless and it destroys fingernails. Among these are the manufacture of wall paper and calico dresses. Brass itself is not poisonous, but when poured, zinc oxide fumes arise. Workers in brass foundries, when they arrive home after work, particularly on damp days, develop "brass foundry

chills" or the ague. Dr. Kronenberg said that he knew of cases where brass foundry chills sufferers were treated for grippe or malaria. There is nothing permanent in its effects.

Trichlorethylene has been used commonly of late by cleaners and dyers and is also used to clean metal. In a review of 294 cases of trichlorethylene sufferers, there were 26 fatalities. When metal parts are lifted from a trichlorethylene bath, if the worker is not careful, he will inhale the fumes which cause symptoms similar to an alcoholic "jag," and eventually the eyes begin to go bad and it affects the central nervous system.

Silica Chemical Poison

Chromium plating does a certain amount of harm of a permanent nature. A vapor arises, entering the upper nasal passages, and nasal perforation is caused. Frequently it is diagnosed as syphilis. Chronic mercury poisoning causes jerky bodily movements. Arsenic is used in the manufacture of wall paper and draperies and interior decorators may suffer from this type of poisoning. Phosphorus is used in the manufacture of pyrotechnics and insecticides. Zinc and copper poisoning are rare. Nickel poisoning causes a type of eczema. Cancer is an occupational disease occurring in the manufacture of tar.

Dust Is Harmful

Dust harms the lungs, Dr. Kronenberg stated. It may be limestone, talc, clay, carbon or gypsum dust. Silica and asbestos dust are the two most dangerous and if not guarded against will cause tuberculosis. Silica was at first believed to be a mechanical agent as the sharp particles were lodged in the lung, but it is now known that it is a chemical poison. If there are 5,000,000 dust particles per cubic foot of air, silica dust 35 percent is not injurious. A micron is 1/25,000 of an inch. Sand, quartz, flint and asbestos dust particles under 10 microns are harmful, under

Bank Night Insurance Is Line with Implications

EL PASO, TEXAS, Nov. 27.—Dave Lawson, manager of the Knickerbocker Club here, announced recently that he would issue insurance policies on bank night awards made at local theaters, to protect late arrivals on bank nights. He proposes to insure a patron's chance of winning an award for 10 cents per \$100 up to \$500 limit, and to pay claim in 30 days. Policy forms were being printed. The procedure is legal and there is no need for a state charter, according to Mr. Lawson.

MAKES OFFER IN INDIANA

C. M. Jones, fire and casualty general agent in Clinton and Terre Haute, Ind., has offered to insure clients their winnings in theater bank nights if they are absent when their numbers are

three microns are bad and under 5/10ths microns are very serious.

We pay for our synthetic products with an increased mortality rate, Dr. Kronenberg stated.

He has found that the blond individual doesn't stand up in the plating industry. Wet processes where dust is a hazard are extremely effective in eliminating occupational disease hazards. The wet process may be used in grinding industries and the manufacture of asphalt. He said that in the manufacture of asphalt he was not interested in the 95 percent limestone dust in the air, but in the 5 percent sand or silica dust.

Dr. Kronenberg is considered an authority on occupational diseases. He is advisor to a number of industrial concerns, life insurance companies and is associated with the University of Illinois.

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London week said ably was which as ards free pointed ou any movie bank night per week as eventu down the there mus commissioner

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