

UNION ASBESTOS & RUBBER COMPANY

INTEROFFICE CORRESPONDENCE



Cicero, Ill.
May 10, 1950

TO Mr. C. C. Spangenberg

FROM Mr. C. H. Marks

cc: Mr. E. A. Hayes

NOTE: THIS DOCUMENT DID
NOT COME FROM PPG FILES

Subject: Dust Control
Report on Midwest Safety Show
May 4, 1950

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There were two points of interest raised concerning
asbestos:

1. O.A. Sanders M.D. stated that according to the latest research conducted by Arthur Vorwald, asbestos particles below 5 microns had no effect on animals; whereas fibrous material of about 35 microns caused asbestosis. The tentative conclusion might therefore be drawn that the real danger does not lie in breathing the very fine dust, but in the larger, visible, particles. If this was correct, dust control would be very much simplified.

(As a point of comparison the Preliminary Dust Survey for the Asbestos Textile Institute carried out by the Industrial Hygiene Foundation of America in June, 1947, states that 80 - 95 per cent of the total dust seen in dust counting of most textile operations consists of non-fibrous particles, and that the U.S. Public Health Service relates the incidence of asbestosis to these non-fibrous particles of size ranging from one to five or ten microns. This appears to be in direct contradiction to Dr. Sanders' remarks.)

2. R. T. Pring stressed the importance of periodic checks and maintenance of dust control systems, particularly as far as the dust collecting equipment is concerned.

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