AMERICAN MUTUAL LIABILITY INSURANCE COMPANY

ASBESTOSIS CLAIMS AGAINST PIPE COVERING CONTRACTORS
#2

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Estimated No. Men Working 50 Weeks Per Year	65 - 75
No. Occupational Disease Claims	We have had one reported during the last five years. This applies to all states in which they work.

Forty-two year old claimant employed by one insured as an asbestos worker approximately eight months. In June of 1955 the claimant noticed pains in his chest and a shortage of breath, symptoms, etc. The case is still in suspense. As [illegible] filed the type of dust was not specified nor is information indicated in the medical examination. However, disability from exposure to asbestos is now being claimed.

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AMERICAN MUTUAL LIABILITY INSURANCE COMPANY

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ASBESTOSIS CLAIMS AGAINST PIPE COVERING CONTRACTORS

Remarks on Operations	Magnesia Company works throughout the Middle Atlantic States. My information does not include State of Pennsylvania. Men are hired out of the local Asbestos Workers Union.
Estimated No. Men Working 50 Weeks per Year	1956 - 7 men Previous - estimated 10-15 men
No. Occupational Disease Claims	We have had none reported during the years 1948, 1949, 1950, 1951, 1952, 1953 and 1954. Our information does not include State of Pennsylvania.

Remarks on Operations	Insulation Company have their principal activity in the State of Penna. Also minor amount of work in New York and New Jersey. Could not get even an opinion on how much time was involved with asbestos. Right now it is very minor as asbestos use is confined almost entirely to cement for joints. Prior to war they had "a lot" of jobs requiring use of asbestos.
Estimated No. Men Working 50 Weeks per Year	1954 and 1955 estimated 40 - 45
No. Occupational Disease Claims	Are now joined with five other companies in defense of claim filed by survivors of deceased. The worker had been in the trade 30 or more years. American Mutual are not in on this claim and have no information. The owner of this business has had knowledge of "less than 10 claims" in his past experience in this business.

Remarks on Operations	(Name of private individual) operate in the Middle Atlantic and New England States. However, major operations are in New York and Northern New Jersey. Our information on how much asbestos they use is not accurate. We do know that they apply such work [illegible] and asbestos insulation cement. Our local contact with them is in connection with work in steam power plants.

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Pulmonary Tumors in Mice Exposed to Asbestos Dust. K. M. Lynch, J. A. McIver, and J. R. Cain, Arch. Ind. Health 15, 207-214 (Mar. 1957).

Mice of a selected strain (ACF$_1$) were exposed to a dusty atmosphere containing asbestos floats of a type used by others experimentally, at 150 to 500 million particles per cubic foot. The largest single experimental group consisted of 127 animals killed at 19 months after exposure for 17 months. This group was compared with 822 control animals. Primary lung tumors were demonstrated microscopically in 46% of the dusted mice and in 24% of the controls. Multiple pulmonary tumors were demonstrated in 18% of the dusted animals and in 8% of the control animals. No significant histologic or cytologic difference was observed between tumors in the two groups. No clear-cut proof of malignancy was found in any of the lung tumors studied. The authors have been unable to demonstrate any proof of the carcinogenicity of asbestos under the conditions of the experiment, but the increased incidence of multiple lung tumors in dusted animals must be regarded as a possible accentuation by the inhalation of asbestos dust of an existing tendency to develop lung tumors. Future experiments with asbestos should include the use of larger animals, preferably monkeys. The experimental evidence of this report does not answer the questions raised by accumulating clinical evidence that asbestosis is strongly associated with, and therefore is a possible cause of, pulmonary carcinoma in man. --Adapted from authors' summary

"Industrial Hygiene Digest"
April 1957

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