

FILE NAME: Goodyear (GY)

DATE: 1954 Nov 5

DOC#: GY012

DOCUMENT DESCRIPTION: Letter to the Medical Dept of the Industrial
Commission of Ohio

November 5, 1954

Re: O.D. 6162-22
Franklin V. Mest (Decased)

Medical Department
Industrial Commission of Ohio
Columbus, Ohio

Gentlemen:

On November 4, 1954, the writer visited the Goodyear Tire & Rubber Company, Akron, Ohio, to check conditions under which the above named decedent had worked.

The company manufactures tires, etc.

For the past twelve years, the decedent was engaged in mixing operations. He worked in a corner of the cement house. It was his duty to take various compounds used in cements, weigh them out on a scale on which was a small weigh pan. After a specific amount was weighed out, he would take the weigh pan and dump the contents into a large funnel. This funnel had previously been inserted in an opening in a mixer. In some cases the mixer contained water or alcohol. Sometimes there was latex and water in the mixer.

You will note in the file there is a letter signed by K. A. Kelsen, Industrial Hygienist for the Goodyear Tire and Rubber Co., listing the materials that the claimant handled. The Foreman of the Mixing Department verified these materials. You will also note in the file that a letter from Andrew Michaels, Attorney-at-Law, states that a sample of material called Code 148 had been analyzed and found to contain a silica content of 46.36%.

The writer obtained three samples of material handled by the claimant. The first one is listed as Code 148 Mica. The other two are listed as Code 117 and 122. These are two types of talc handled by the decedent. The three samples were sent to Saranac Laboratory for x-ray diffraction with the following results:

% Free Silica

Code 148 Mica	1.3
Code 117 Talc	None found
Code 122 Talc	0.7

There is no question that over the period of years the claimant worked handling the powdered materials that he was exposed to various concentrations of dust. The writer watched an operator dump mica into the mixer and it was estimated that the dust concentration would be from 10 to 15 million particles per cubic foot of air. The claimant has also had some exposure to zinc stearate because he handled about 60 pounds per day.

Very truly yours,

Don E. Hana,
Safety Advisor.

DH:mas

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0002-064

THE SARANAC LABORATORY

For the Study of Tuberculosis, Occupational Disease, and Industrial Hygiene
Founded by EDWARD LIVINGSTON TRUDEAU in 1883
7 CHURCH ST., SARANAC LAKE, NEW YORK

DEC 1 1954

P.O. Box 551

Reference:

December 6, 1954

Telephone: Laboratory 813

Director 569

THE INDUSTRIAL COMMISSION

OF OHIO

(Sample of mica, #148, and two samples of talc, # 117 and #122, collected at the Goodyear Tire and Rubber Co., Akron, Ohio - Claim Number O.D. 6162-22, Claimant Franklin V. Nest (Deceased) - submitted under Mr. Don Hanna's letter dated November 5, 1954.)

X-Ray Diffraction and Petrographic Analysis

X-ray diffraction was carried out on chemically concentrated residues. All figures given below are in terms of the materials as received.

	<u>#148</u>	<u>#117</u>	<u>#122</u>
Quartz	1.2%	none found	0.7%
Mica	Balance	---	---
Dolomite	---	45-55%	30-40
Talc	---	45-55	60-70

Donald Pailey
Petrographer

DB:gn

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