FILE NAME: Talc (TALC)

DATE: 1976 Oct 29

DOC#: TALC479

DOCUMENT DESCRIPTION: Memo RE Pfizer Talc Samples

Johns-Manville

Internal Correspondence

To: R. Lamar - 3-05

Date: October 29, 1976

From: E. M. Fenner - 1-06

Copies: G. R. Kinzer - R&D

Subject: PFIZER TALC SAMPLES

Harold D. Stanley, Jr., Group Leader - Testing in the Minerals, Pigments and Metals Division of Pfizer called me today to report on their analysis results of the five talc samples you furnished them at the end of their visit on Tuesday, August 31.

Research ID No.	Pfizer Code No.	Total Tremolite - %
RC-74340-3	CP 38-33	13-14
RC 74340-4	CP 20-30	3-4
RC 74340-5	CP 14-35	7-8
RC 74343-1	CP 38-33	10-11
RC 74343-2	CP 14-35	5-6

The total percentage of tremolite present in the samples was determined by x-ray diffraction and included both fibrous and particulate material.

The samples were also examined by transmission electron microscopy. The results of this analysis indicated that less than 0.1% was fibrous by the OSHA definition. Mr. Stanley stated they were observing an average of 7 fibers in 100 microscope fields.

E. M. Fenner

EMF:jh

ASBESTOS IN JOHNS-MANVILLE PENHORWOOD TALC

Samples of Johns-Manville Penhorwood talc have been thoroughly examined using electron microscope techniques. The minute quantity of sub-micron asbestiform mineral found is not statistically significant according to the criteria employed by the U. S. Environmental Protection Agency.

Talc samples were also examined by light microscopy using the procedure specified by the Occupational Safety and Health Administration for determination of asbestos fibers. No fibers were detected by this method.