E-46

March 20, 1972

H. L. Warren

H. C. Roach

cc: J. M. Summerfield
J. R. Roberts
C. T. Lehman

Mouldene Talc - Fibrous Content

PLAINTIFF'S EXHIBIT USG-534

We were advised by International Talc Co., Inc. that the fibrous portion of "Mouldene" talc is composed of the mineral anthophyllite (letter of Jan. 5, 1972, from Mr. P. F. McCarthy, Exec. Vice President). Anthophyllite is "an asbestos" according to one of our reference books "Minerals and Rocks".

We attempted to determine the proportion of fiber in the Mouldene talc. Marv Lane screened a sample into 5 sizes and we counted 100 particles in each screen size with the following results:

| | Wt % | No. of Fibers | No. of Non-Fibrous Particles |
|---|---|---|---|
| +74 microns | 5 | 13 | 87 |
| -74 +44 microns | 5 | 13 | 87 |
| -44 +32 " | 5 | 17 | 83 |
| -32 +20 " | 26 | 14 | 86 |
| -20 " | 59 | 17 | 83 |
| /average | | 15 | 85 per 100 count |

While the average is not a weight per cent, I believe it would be within ±3% of the weight per cent.

HCR:fx H.C.R.

GP027 1384