



New York University

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7208

July 20, 1972

Mr. Peter H. Bixby  
Metropolitan Talc Company, Inc.  
P. O. Box AM  
18-22 Bank Street  
Summit, New Jersey 07901

Dear Mr. Bixby:

We have been delayed in carrying out the x-ray diffraction analyses of the four specimens you sent us on May 25 by several factors, including summer vacations and instrumental breakdowns. However, that work has now been completed, and the results are as follows:

| Sample | Chlorite | $\alpha$ -Quartz | Dolomite | Tremolite | Chrysotile |        |
|--------|----------|------------------|----------|-----------|------------|--------|
| MI-9   | 10%      | n.d.             | n.d.     | n.d.      | n.d.       | 4609 X |
| MA-8   | 10%      | 5%               | 5%       | n.d.      | n.d.       | 128    |
| C-2-RM | 2%       | 10%              | 15%      | 15%       | 10%        | 4602   |
| C-15-V | n.d.     | 5%               | 20%      | 10%       | 10%        | 4615   |

In each case, talc constitutes the remainder of the sample. Note that the C-2-RM and C-15-V specimens are very poor grade talcs containing substantial amounts of asbestos minerals, whereas MI-9 is a very excellent grade of talc.

There were no detectable (= n.d.) amounts of any of the asbestiform minerals in Samples MI-9 and MA-8. The limit of detection of the asbestiform minerals by the continuous scanning technique employed is of the order of magnitude of 1 to 2% by weight. The precision of the data tabulated above is  $\pm 2\%$  absolute. All data are in the units of percent composition by weight.

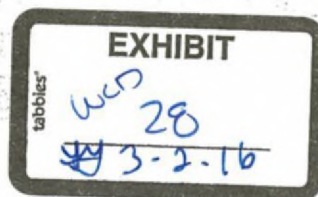
The original x-ray diffraction patterns are enclosed herewith for retention in your files.

With very best personal regards,

Sincerely Yours,

*S. Z. Lewin*  
S. Z. Lewin  
Professor of Chemistry

PLAINTIFF'S  
EXHIBIT  
WCD-331



WCD 002469

SAMPLES TO SZ. LEWIN -

1 No. 4609  
LOT:

MARKED: MI.9  
5-25-72

2 No. 4615  
LOT:

MARKED: C.15V  
5-25-72

3 No. 4602  
LOT:

MARKED: C.2RM  
5-25-72

4 No. 128  
LOT:

MARKED: MA.8  
5-25-72