July 8, 1943

Dr. O. E. Bowes
Director of Research
Owens-Illinois Glass Company
Toledo, Ohio

Dear Dr. Bowes:

Thank you very much for your letter of the 6th.

We are acquainted with the fact that chrysotile gels on treatment with water but as far as we have been able to determine, at least partial gelation does not affect its capacity to irritate tissues.

We have injected it in suspensions of physiological salt solution and found that it would produce as much as or more fibrosis of the lungs as when inhaled as dry dust.

I would be very pleased indeed if your research personnel could furnish us with any data on the gelation characteristics of chrysotile which they have developed.

Very truly yours,

Leroy U. Gardner, M. D.
Director

LUG:REH

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