

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 5th.

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