

FILE NAME: Owens Illinois (OWILL)

DATE: 1935 June 14

DOC#: OWILL003

DOCUMENT DESCRIPTION: Letter from OWILL to Prof. Philip Drinker

OWENS-ILLINOIS GLASS COMPANY

Toledo, Ohio

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June 14, 1936

Professor Philip Drinker,
55 Shattuck St.,
Boston, Mass.



My dear Phil:

Enclosed is a check for \$500.00 payable to the Treasurer of Harvard University to cover the tests on solubility of glass in water and blood serum.

Some of the information we hope to obtain through this research is the answer to the question, how long will it take a piece of glass wool of given size to dissolve, assuming a workman accidentally runs it into his finger, or other part of his body? Also, suppose an individual breathes glass wool dust, how long will it take these small particles in the lungs to dissolve? Knowing these data, and knowing from Dr. Gardner's work whether glass is toxic to tissues, we will have a good indication of the hazard involved in working in an atmosphere contaminated with glass wool dust.

Referring to our conversation regarding the difficulties in grinding glass wool, is there any possibility that the fusing of the glass--which, of course, yields a glass that has been annealed differently from "production" glass wool--would alter its solubility characteristics? This is a question in glass chemistry to which, I believe, Dr. Titus has already replied in the negative. However, I am checking the point to make certain I understood you correctly.

Sincerely

WGHazard:GF

(Signed) Bill