FILE NAME: Keene (KNE)

DATE: 1970 June 4

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DOCUMENT DESCRIPTION: Letter from Keene RE Fireproofing Osteopathic College with Reference to Asbestos Containing Products

June 4, 1970

Mr. Isadore Caplan
Structural Engineer
1831 Chestnut Street
Philadelphia, Pa. 19103

Re: Fireproofing
Osteopathic College

Dear Mr. Caplan:

Our Mr. Charles Wall has suggested we write you pertaining to asbestos content of fireproofing products.

Our Pyrospray Type I fireproofing formulation contains 32% Chrysotile asbestos by weight, for the application required a 3/8" thickness of Pyrospray would be applied to beam surfaces. Thus, the total amount of asbestos present per square foot of exposed surface would be 0.11 pounds.

From information received and published, should the fireproofing be installed using Mono-Kote, a 1/2" thickness of material needs to be applied and the resulting asbestos content per square foot would be 0.09 pounds. When comparing the two products, it can be noted that the asbestos content based on the volume of material installed becomes significant

With respect to fireproofing being installed in buildings, we are enclosing a copy of an air erosion test report, the results of which are in keeping with G.S.A. Standards. A copy of the reprint describing the test procedure in the G.S.A. requirements is also enclosed.

Some time ago, the Sprayed Manufactured Fiber Manufacturers Association engaged the serviced of William R. Bradley and Associates, Environmental Health Consultants, to determine the presence of asbestos fibers in buildings fireproofed with sprayed mineral fiber products.

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PLAINTIFF'S EXHIBIT K-406.0

You will note that the report states that it has been determined by air sampling and microscopic evaluation that there is no exposure to asbestos fibers of respirable size in the work environment of the buildings tested.

For your interest we are also enclosing a copy of a study recently conducted in England entitled "A Dust Survey Carried Out in Buildings Incorporating Asbestos-Based Materials in Their Construction". Please note the last paragraph on Page 145 which reads as follows:

> "In our present state of knowledge, the dust concentrations found in completed buildings incorporating asbestos-based products in their construction are not considered likely to constitute a hazard to the health of the ooccupants."

We appreciate your interest and concern relative to asbestos fibers and hope you realize that a lot of the adverse comments have been by a number of people who are uninformed of the facts. We hope what is being submitted will prove of value and if we can be of any help in the future, may we have the pleasure of hearing from you.

Very truly yours,

KEENE CORPORATION
Sound Control Division

Lee C. Jenne
Manager
Spray Products

LCJ:jca

Enc.

CC: Messrs. Leek, Wetherby, Gruttemeyer, Bretherton, Wall

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