

BAKELITE COMPANY
A DIVISION OF UNION CARBIDE AND CARBON CORPORATION

COPY

Vinyl Resins

✓ Dr. Carl U. Darnahl-Room 203-
300 Madison

January 27, 1956

Dr. Jerome Kleinerman
Department of Medical Research
Saint Luke's Hospital
11311 Shaker Boulevard
Cleveland 4, Ohio

Dear Dr. Kleinerman:

At the request of Dr. Darnahl, Assistant Medical
Director of our Industrial Medical and Toxicology Department,
we are sending you without charge five pounds of VINYLITE resin
VYHH #1. This resin is available in commercial quantities and
may be ordered from the Bakelite Company, P. O. Box 344, New
York 8, N. Y.

Yours very truly,

H. F. Robertson
H. F. Robertson - Manager
New Product Engineering Department

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INDUSTRIAL MEDICAL &
TOXICOLOGY DEPARTMENT

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SAINT LUKE'S HOSPITAL

OF THE METHODIST CHURCH
11311 SHAKER BOULEVARD
CLEVELAND 4, OHIO

January 17, 1956

Dr. C. U. Dernahl, Assistant Medical Director
Union Carbide and Carbon Corporation
30 East Forty-Second Street
New York 17, New York

Dear Dr. Dernehl:

Thank you for your letter of January 12. We anticipate using "Vinylite" resin for injection studies of lungs in various experimental and clinical conditions. These procedures have been described by Dr. A. A. Liebow of the Department of Pathology at Yale University.

We are now in the preparatory stages of this investigation, and we are not able to adequately foresee our ultimate needs for this compound. However, if you could furnish us with several pounds of this material, we would certainly be able to work out our methods. If it is not possible for you to furnish us with this compound, we of course would be very happy to reimburse you.

We are extremely eager to start our work and would appreciate your prompt attention in this matter.

Sincerely yours,

Jerome Kleinerman

Jerome Kleinerman, M. D.
Dept. of Medical Research

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INDUSTRIAL MEDICAL &
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Vinyl Resins

January 12, 1956

Dr. Jerome Kleinerman
Dept. of Medical Research
Saint Luke's Hospital
11311 Shaker Boulevard
Cleveland 4, Ohio

Dear Dr. Kleinerman:

In reply to your letter of January 6, 1956 to our Bakelite Company regarding information about "Vinylite" resin VYHH Specification 1, I can give you the following data. This material is a copolymer of vinyl chloride and vinyl acetate with the vinyl chloride being present slightly in excess of 80 per cent. It is sold as a fine flour without added stabilizers or plasticizers.

It would be helpful to us to know the proposed application for this material. If it is intended to convert the flour into film for use on humans, your attention should be directed to a recent publication:

"Further Studies of Polymers as Carcinogenic Agents in Animals," B. S. Oppenheimer, CANCER RESEARCH, 15:333-340, June, 1955.

While this paper demonstrates the development of malignancies after film implantation in animals, this is no proof that similar responses will occur in man. Even though such responses have not been observed in humans, the possibility must be considered. Otherwise the resin is considered to be physiologically inert.

If the quantity of material desired is not large and the application is suitable, I feel sure that a supply can be made available without charge. Information on the proposed use will expedite action on our part.

Very truly yours,

ASSISTANT MEDICAL DIRECTOR

C. U. Dernehl, M. D.
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SAINT LUKE'S HOSPITAL

OF THE METHODIST CHURCH
11311 SHAKER BOULEVARD
CLEVELAND 4, OHIO
January 6, 1956

Union Carbon and Carbide Chemical Corporation
Bakelite Division
437 MacCorkle Avenue
South Charleston, West Virginia
Gentlemen:

We are interested in your product, VINYLITE, *Polyethylene*
(VYHH, Specification #1) for purposes of Medical Research. *14.1*

Information as regards composition, cost,
delivery dates, and other pertinent information will be greatly
appreciated.

May we hear from you soon?

Sincerely yours,

Jerome Kleinerman
Jerome Kleinerman, M. D.
Dept. of Medical Research

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TOXICOLOGY DEPARTMENT

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