

cc: Mr. H. F. Robertson

September 5, 1951

Mr. Don Hanna, Safety Advisor
The Industrial Commission of Ohio
Columbus 15, Ohio

Dear Mr. Hannas:

Your letter of August 27th addressed to our Texas City plant has been referred to us for reply.

The "Vinylite" resin powder which we supply is a copolymer vinyl chloride - acetate resin powder. Such a resin has proved to be more or less inert physiologically and therefore any dust hazard involved in its use could be considered on the basis of a "nuisance dust." Ventilation such as is indicated for a "nuisance dust" should afford adequate protection, for example as with ordinary sawdust.

Skin allergies incident to excessive exposure to these dusts are quite uncommon. If in hot weather particularly the powder is allowed to remain on the skin for prolonged periods of time some mechanical irritation of the skin may be noted. In general, however, when good personal hygiene is observed on the part of workers handling the resin, no such difficulty should be encountered.

Of course, when these resins are used in manufacturing flexible plastic films they must be compounded with plasticizers and other ingredients. Any physiological action from such formulations would depend on these added materials rather than on any properties of the resins themselves.

Very truly yours,

INDUSTRIAL MEDICAL AND TOXICOLOGY DEPARTMENT

Thos. W. Hale, M. D.

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SAFETY IS BETTER THAN COMPENSATION

THE INDUSTRIAL COMMISSION OF OHIO
COLUMBUS 15

DIVISION OF
SAFETY AND HYGIENE

JAMES H. FLUKER
SUPERINTENDENT

G. SCOTT KALLENBAUGH
ASST. SUPERINTENDENT

August 27, 1951

Union Carbide Chemical Corp.
Texas City, Texas

Attention: Technical Director

Dear Sir:

The writer surveyed a plant which uses your product called Vinylite. Some of the employees in this plant are being exposed to various concentrations of dust from this material.

Would you please inform the writer whether or not this dust is considered toxic. If it is, then adequate exhaust measures will be recommended.

Thanking you in advance for your information, I am

Very truly yours,

Don Hanna

Don Hanna
Safety Advisor

DH:jlw

RECEIVED

SEP 4 1951

H. F. R.

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