

cc: Mr. H. F. Robertson

November 28, 1949

Mr. L. T. Watt
Continental-Diamond Fibre Company
Valparaiso, Indiana

Dear Mr. Watt:

This refers to your letter of November 15th with reference to our resin AYAF. This is a straight polyvinyl acetate resin. We have not tested this particular resin in our toxicological laboratories but we have tested some other very similar polyvinyl acetate resins by patch testing on human subjects to determine possible sensitizing properties with resultant skin effect. One of these polyvinyl acetate resins when patch tested on humans gave only a trace reaction on 2 out of 33 subjects; another gave none whatever.

For practical purposes most of the resins themselves which we manufacture could be considered physiologically inert because of their insolubility in body tissues and fluids. The materials which would have toxicological significance would be the additives to the resins to make up different resin formulations, for instance the solvents in which some are dissolved, or the plasticizers or stabilizers which may be added to the resin. Would think therefore that perhaps the more practical approach to the problem of the toxicity of the resin formulations would be a consideration of the toxicity of those materials which may be added to the resins themselves to make up the formulation.

If you have further question re this, please feel free to write us further.

Very sincerely,

INDUSTRIAL TOXICOLOGY DEPARTMENT

Thos. V. Hale, M. D.
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Dr. T. W. Watt

Continental-Diamond Fibre Company

Valparaiso, Indiana

Phone Valparaiso 11

November 15, 1949

General Offices
Newark, Delaware

Bakelite Corporation
30 East 42nd Street
New York 17, New York

Gentlemen:

In the past we have purchased Vinylite AYAT Resin from you. The question of toxicity has now arisen and we would appreciate any information you can give us in regard to the following:

1. What precautions should be taken in handling and use of this material, as regards ventilation necessary, contact with body, etc.?
2. What degree of toxicity does this material have, and what are the toxic effects?
3. What are symptoms of being overcome or suffering from toxic poisoning from this material?
4. Would such poisoning leave permanent impairment of functions, senses, etc. such as deafness, loss of taste, etc.?

We would appreciate your sending us any manuals or other complete literature which may be available on this subject.

Since we are very anxious to have the above information we would appreciate your early reply.

Yours very truly,

CONTINENTAL DIAMOND FIBRE CO.
VALPARAISO DIVISION

T. Watt
Resident Purch. Agt.

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polyvinyl acetate high