

Mr. Ben S. Wright - Toledo
Mr. Jan S. Irvine - New York

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July 18, 1944

Mr. D. J. Prior, Methods Engineer
Ward Leonard Electric Co.
31 South Street
Mount Vernon, New York

Dear Mr. Prior:

Your letter of July 10 has been forwarded here by the Corning Glass Works because this company manufactures Fiberglas materials used in combination with melamine resins.

For information about the melamine resin we are glad to refer you to Mr. C. J. Romieux, Sales Manager, Plastics Division, American Cyanamid Company, 30 Rockefeller Plaza, New York City. The American Cyanamid Company manufactures these resins.

As to the glass fibers themselves (which reinforce the plastic in the laminate) you may be interested in the data enclosed in the attached envelope. These include an 8-page brochure entitled "Health Aspects of Fiberglas Materials" which we published in April, 1943. On the back cover of the brochure is an annotated bibliography listing further references to the subject. Checked in red on this bibliography are articles of which we enclose reprints. If you should wish copies of any of the other references, we shall be glad to supply them so far as they are available. There is included also a Transcript of Remarks on the same subject by W. C. Hazard of the United States Public Health Service. This is an excerpt from the Proceedings of the Rhode Island Industrial Health Institute held in Providence on May 19, 1943.

These data indicate that exposure to glass fibers involves no hazard to the lungs or respiratory tract. The non-disabling "discomfort" hazard to the skin is limited to Fiberglas wool materials and is practically non-existent (because of finer fiber diameters) in Fiberglas textile materials. Since Fiberglas textile fibers are those used in combination with plastics, and since the fibers are inorganic, non-toxic, non-allergenic, and non-sensitizing, it follows that no hazard attends exposure to the glass fibers in the fabrication or application of glass-plastic laminates.

An article entitled "Machining Glass-Reinforced Low-Pressure Laminates" by Frank E. Allen was published in the May, 1944 issue of MODERN PLASTICS (pages 107-109). We have included a copy of this in the attached envelope.

Thank you for your inquiry. We hope this information will fully answer the question that you have in mind but if for any reason you wish further data we shall be glad to try to supply them.

Yours very truly,

Edward C. Ames

Public Relations Manager

01 501 1552.

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EXHIBIT

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