

cc: Mr. R. F. Brown
Dr. T. W. Hale
Mr. Julian Paul
Mr. J. K. Marshall

April 3, 1953

Mr. E. Leonard
Ed. Sehubster and Company, Inc.
Milwaukee 1, Wisconsin

Dear Mr. Leonard:

You will recall that on March 5 we wrote to you pointing out that we were contemplating a fairly extended business trip and did not at that time have an opportunity to write to you concerning the properties of vinyl film used to prepare blanket bags which are marketed by your organization. Our comments are limited to film which was manufactured originally by Harte and Company and which consists of a vinyl chloride resin, a plasticizer, and a stabilizer which is used to assist in processing. Our understanding is that this particular film was fabricated into a blanket bag by the Philmont Manufacturing Company of Englewood, New Jersey.

We are at a complete loss to understand the difficulties experienced by Mrs. Edith M. Anderson who was a purchaser of one of these blanket bags. We cannot really know the handling received by or use to which this particular blanket bag was put by this particular purchaser, and we believe that speculation concerning how such difficulties occurred would be idle and unproductive. We do think it is well to outline the properties of the materials which were used to produce this blanket bag and by so doing indicate that they are free from inclination to cause any difficulty.

Vinyl chloride resins--These resins are used to produce a number of flexible plastics, including such things as baby pants, draperies, blanket bags, upholstery sheeting, garden hose and numerous other articles of commerce. They are considered inert and because of their inertness they are frequently used in the preparation of food wraps.

Plasticizer--We understand that the plasticizer used in the film on which the blanket bag was based is "Flexol" plasticizer DOP. This material has been tested over a several year period for toxicity and for any tendency to produce allergic or sensitizing actions on human beings. It has been considered so free from such actions that it is used in such compositions as plastic tubing used to deliver intravenous solutions to the blood stream. It has also been used in baby pants which are in direct contact with the sensitive skin of babies over long periods of time and has been considered the most successful material for such use. "Flexol" plasticizer DOP is also used as a plasticizer in vinyl film used to wrap such foods as vegetables and whole carcasses of animals.

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Stabilizer--We understand that the stabilizer used in the film under discussion was a tin salt which has received extensive toxicological testing over a two year period. As a result of this type of testing this particular material has also been considered satisfactory for use in applications such as baby pants.

We believe the above information indicates to you the lack of dangerous materials in the film used to prepare the blanket bags which you have marketed. The formulation which was chosen may be considered of the highest possible quality.

Very truly yours,

CARBIDE AND CARBON CHEMICALS COMPANY



FINE CHEMICALS

JJMorris/jb

cc: Mr. Fred Strauss
Harte and Company
267 Fifth Avenue
New York 16, New York

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