

cc: Dr. C. C. Cooper/Mr. W. B. Tibbets - BB
Mr. F. D. Dexter - BB
Mr. L. G. Howard - Cincinnati
Mr. M. Kovach - Chicago
Mr. J. W. McLaughlin - 292 Madison
Dr. T. W. Nale - 60 E. ~~W. 4th~~
Mr. T. R. Orme - Chicago
Mr. J. A. Pomeroy - 535 Fifth
Mr. G. T. Scriba - 1901

Vinyl Resin - 10/23/58

~~SAFETY COPY~~ COMPANY • DIVISION OF



CORPORATION

RIVER ROAD, BOUND BROOK, N. J.

October 23, 1958

Mr. Walter D. Tiedeman
National Sanitation Foundation Testing Laboratory
School of Public Health
University of Michigan
Ann Arbor, Michigan

File

Dear Mr. Tiedeman:

Thank you for your letter of October 13, I can understand your reluctance to issue an opinion on the suitability of our KDA-2458 vinyl sheeting as a swimming pool liner in as much as the formulation does differ in certain respects from the pipe material which was examined in the previous study.

Since there is apparently no established procedure for approving swimming pool liners can we logically assume that an accelerated extraction study similar to those recommended by the Food & Drug Administration for food packaging materials would suffice in this other application? Perhaps a maximum film surface might be exposed to a minimum volume of extractive solvents such as distilled water, a dilute acid, and a dilute alkali at an elevated temperature for several weeks or more and the residue then examined, in this case for extracted pigment and tin?

In the event that such a procedure were considered adequate would you be willing to provide an opinion based upon evidence gathered in our laboratories as does the F. & D. A. in food packaging work or would the entire study be conducted in your own facilities? Further, can you provide us with some indication as to the fee for the above consultation services?

Thank you for any inconveniences we may have caused.

Very truly yours,

W. B. Ackart
W. B. Ackart

WBA/jp
attach.

RECEIVED

UCC
063215

OCT 27 1958

RECEIVED

NATIONAL SANITATION FOUNDATION TESTING LABORATORY, INC.

HEADQUARTERS • SCHOOL OF PUBLIC HEALTH • UNIVERSITY OF MICHIGAN



DR. JERRY P. WILKINSON, President
WALTER B. FREDERICK, Vice President
WALTER P. DAVIES, Secretary

NORMAN G. GIBB
EST. 1930

481 ARBOR, MICHIGAN

October 13, 1958

Mr. W. B. Ackart
Bakelite Company
Division of Union Carbide Corporation
River Road,
Bound Brook, New Jersey

Dear Mr. Ackart:

Please excuse the delay in answering your letter of September 23, 1958, which is due to the fact that we have no established procedure for the approval of plastic materials for swimming pools.

There would be no question about our approval of any of the materials we already have approved for your company for use with potable water supplies. While there is certain similarity, there are enough differences to demand careful study. The other formulation is in a safety deposit box at the bank, so I do not have it available for ready reference. We would need complete information as to the general composition regarding the blue pigment from the manufacturer thereof. Furthermore, the Food and Drug Administration has raised a big question about organic tin compounds, and we would need to do some testing as to the extractability of organic tin before passing on this compound.

I had not intended to raise any serious doubts as to the safety of using this material as a swimming pool liner, but the fact of the matter is not so simple as it is, only incidentally. However, since we have not established any accepted procedure for approving swimming pool liners, and would like to do so after consulting public health and sanitary engineers, I am in a position to offer you specific help at this time.

Very truly yours,

UCC

063216