

Vinyl Claims - General

Mr. L. G. Howard
Bakelite Company
2330 Victory Parkway
Cincinnati 6, Ohio

September 23, 1958

Mr. T. R. Orme
Mr. M. Kovach
Mr. J. W. McLaughlin
Mr. G. T. Scriba
Dr. W. B. Ackart

KDA-2458 Blue 35

Dear Mr. Howard:

I have requested Dr. W. B. Ackart to follow through in dealing with the National Sanitation Foundation relative to the acceptability of this film as a swimming pool liner. Dr. Ackart has been supplied with the report of this Foundation. In his dealings with this group, he will be very specific as to the composition of KDA-2458 Blue 35, spelling out the chemical names of such materials as DOP, D-22, etc.

Very truly yours,

MEDICAL DIRECTOR

Thomas W. Hale, M. D.
rsb

UCC
063218

FOR INTERNAL CORRESPONDENCE

BAKELITE COMPANY

UCC

2330 VICTORY PARKWAY, CINCINNATI 6, OHIO

To (Name) Dr. T. W. Nale, M. D.
Company Bakelite Company
Location 30 E. 42nd St.
New York 17, N. Y.

Date September 18, 1958

Originating Dept. Cincinnati DSO

Answering letter date

Copy to Mr. T. R. Orme-Chicago
Mr. M. Kovach-Chicago
Mr. J. W. McLaughlin-N. Y.
Mr. G. T. Scriba-N. Y.
Dr. W. B. Ackart-B. B.

Subject KDA-2458 Blue 35

Thank you for the information supplied in your letters of September 12 and 16 on our Swimming Pool Liner compound, KDA 2458 Blue 35. I agree that our low order of toxicity would be considered as safe for its intended use but unfortunately, I'm on the wrong end to push for approval.

My intention in writing you, originally, was to alert you to a call from the National Sanitation Foundation concerning information on our Pool Liner material. We were told by Mr. Manny Frocht, Attorney for Chafco Pools, that he was writing to N.S.F. and asking for approval, at the request of the Kentucky Board of Health.

The fact that you have not heard from N.S.F. is disturbing since your name was supplied, by the writer, as the proper person to contact in our organization.

In my Report of Call on 8/27/58, I reported the Goodyear formulation which was supplied to Mr. Frocht by the Goodyear representative. It is possible that N.S.F. is only working with our competitor's compound and this could be our undoing as Chafco Pools are currently purchasing their liners from Flastimayd who are one of our customers.

In view of the above possibility, I would like to suggest that you contact N.S.F. at Ann Arbor and specifically ask for approval for the use of our KDA-2458 Blue 35, as a Vinyl Pool Liner.

Nothing can be gained by my giving our formulation to the Kentucky State Board of Health as they will approve its use, provided that it has the approval of N.S.F. Also, in keeping with our policy, I don't intend to divulge our formulation to Chafco Pools as I obtained the Goodyear formulation from them and it was plainly marked Confidential.

I'm sure that you are aware of the selling tool that can be achieved by having our compound approved by the State of Kentucky, through the National Sanitation Foundation, and again urge that this matter receive top priority.

L. G. Howard
L. G. Howard

LGH:cma

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RECEIVED
TOXICOLOGY DEPARTMENT

Mr. L. S. Howard
Bakelite Company
2330 Victory Parkway
Cincinnati 6, Ohio

September 16, 1958

Mr. J. W. McLaughlin
Dr. W. B. Ackart

KDA-2458 Blue 35

CONFIDENTIAL

Dear Mr. Howard:

Mr. McLaughlin has advised me that it is satisfactory to supply you with the formula for the above. It may be given to interested groups who will treat it in a confidential manner.

Formula

KDA-2458 Blue 35

	<u>g</u>
VYNW-6	54.40
"Flexol" DOP	32.517
Purecal T - calcium carbonate	5.0
Non-chalking rutile titanium dioxide	5.0
D-22	2.0
Lecithin HSD	0.083
Monastral blue	1.0

Very truly yours,

MEDICAL DIRECTOR

Thomas W. Nale, M. D.
rsb

UCC
063220

Mr. L. G. Howard
Bakelite Company
2330 Victory Parkway
Cincinnati 6, Ohio

September 12, 1958

Mr. T. R. Orme
Mr. M. Kovach
Mr. J. W. McLaughlin
Mr. G. T. Scriba
Dr. W. B. Ackart

KDA-2458 Blue 35

CONFIDENTIAL

Dear Mr. Howard:

I have been able to secure the entire formulation of this product. As to how far you can go in revealing this information to your customer is a question for sales to decide. It has been our experience in dealing with state agencies, such as the Kentucky State Department of Health, that often one can hand such a formulation to them in a confidential nature and they will treat it as such. The state agency will then know what KDA-2458 Blue 35 contains when a manufacturer like Chafco Pools applies for sanction for the use of their pool liner.

Another method would be to supply this formulation to the National Sanitation Foundation at the School of Public Health, University of Michigan, Ann Arbor, Michigan. This is the group which issued the report on "A Study of Plastic Pipe for Potable Water Supplies" in 1956. I would not be much surprised if formulations very much like KDA-2458 Blue 35 were evaluated in their studies although complete formulations are not revealed. If this group would consider this film to be safe for use in swimming pools then good evidence is available for its safety with any state agency.

According to the information available to us on the composition of this film, it contains around 50 per cent of a vinyl resin, such as is accepted as a food packaging material, and around 33 per cent of a plasticizer which is acceptable in food packaging formulations. It does not contain a lead stabilizer but contains calcium carbonate, a common constituent

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Mr. L. O. Howard

-2-

September 12, 1958

in water, and a minor amount of an organic tin stabilizer. The colorants used have been utilized in paints for years with safety.

It is our impression that KDA-2458 Blue 35 has a very low order of toxicity, and in its proposed application and use as a pool liner it would be considered as safe for this purpose.

We have a copy of the formulation supplied to us. If Mr. McLaughlin voices no objection, we can supply the same to you.

Very truly yours,

MEDICAL DIRECTOR

Thomas W. Hale, M. D.
rsh

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FOR INTERNAL CORRESPONDENCE

BAKELITE COMPANY

UCC

2330 VICTORY PARKWAY, CINCINNATI 6, OHIO

To (Name) Dr. T. W. Nale
Company Bakelite Co.
Location 60 E. 42nd St., Room 920
New York, N. Y.

Date September 2, 1958

Originating Dept. Cincinnati DSO

Answering letter date

Copy to T. R. Orms, Chicago
M. Kovach, Chicago
J. W. McLaughlin, New York

Subject Toxicity of KDA 2458 Blue 35 -
Swimming Pool Liner Sheeting

Dear Dr. Nale:

On Wednesday, August 27, a meeting was held in the offices of Dr. Russel E. Teague, Commissioner of Health for the State of Kentucky, in which representatives of pool fabricators, Chafco Pools and suppliers of plastic pool liner sheeting were present. The meeting was called by Mr. Manny Frockt, Attorney for Chafco Pools, to solicit official approval for vinyl liners as a replacement for paint in public pools.

As expected, the toxicity angle was discussed and it was stated by the Health Department that they would give their approval if the vinyl liner was given the green light by the National Sanitation Foundation. Mr. Manny Frockt intended to write to NSF in Ann Arbor, Michigan, and I took the liberty of supplying your name as the proper person to contact in our company for toxicity information.

This was a very interesting meeting in that a public official went on record, in simple language, and everyone came away with the feeling that NSF would give their approval, and that Kentucky would become the first state to officially approve the use of a vinyl liner in swimming pools.

Since other suppliers are involved, I would like to urge that all available information be given to NSF so that our KDA 2458 will be included when approval is given.

I'm sure that you can supply all the information from our files, however, the attached brief write-up, which is strictly a sales tool, is attached for your perusal.

Very truly yours,

L. G. Howard
L. G. Howard

LGH:mls
Encl.

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INDUSTRIAL MEDICINE &
TOXICOLOGY DEPARTMENT

9-8-58

Dr. T. Nale -

Per your request, attached is the
formula for KDA-2458 Blue 35.

W. I. Lowe

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confidential

FORMULA

KDA-2458 Blue 35

	<u>%</u>
VYNW-6	54.40
Flexol DOP	32.517
Purecal T - <i>Calcium carbonate</i>	5.0
Non-Chalking Rutile Titanium Dioxide	5.0
D-22	2.0
Lecithin HSD	0.083
Monastral Blue	1.0

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TOH. J. J. J. J. J.

EXTRA

BAKELITE COMPANY
A DIVISION OF UNION CARBIDE AND CARBON CORPORATION

DIVISION
NO.

52

REPORT OF CALL

NAME Chafco Pools
Kentucky Board of Health
ADDRESS Louisville, Kentucky

BY L. G. HowardDATE OF CALL 8/27/58INTERVIEWED (GIVE TITLE) Dr. Russell E. Yeagus, Commissioner of Health CALLMr. Ralph Pickard-State EngineerMr. Dick Johnson, Asst to Mr. Pickard

CONFIDENTIAL

Mr. John P. Godfrey, Jr.-AttorneyDr. C. O. Crow, Sec-Treas, Chafco Pools, Inc. BULLETINMr. Bob Flake, Sales Mgr., Chafco Pools, Inc.~~XXXXXXXXXXXXXXXXXXXX~~ Mr. Manny Frocht, Attorney for Chafco Pools POSITION LAST 3 COPIESMr. Roy Smith, PlastimaydT. R. Orms-ChicagoMr. Frank Strand, Kennedy Car LinerM. Kovach-ChicagoMr. M. Kovach, BakeliteDr. T. W. Hale-N. Y.R. C. Hess-D. C.A. J. Vogel-L. A.

Called at the request of Mr. Frank Strand of Kennedy Car Liner, who promised that the Goodyear representative would also be present to answer any technical questions about Vinyl Pool Liners. Bakelite was well represented as Mike Kovach also accompanied Mr. Roy Smith, formerly with Holiday Aqua Pools, and now with Plastimayd.

The meeting was set up by Mr. Manny Frocht, Attorney for Chafco Pools, and after much discussion we finally arrived at the conclusion that Chafco Pools was asking the State of Kentucky for approval to use a vinyl liner as a means of waterproofing the interior of a swimming pool. Since Kentucky does not have a special group on pools, it became the responsibility of the Board of Health to grant official approval. Kentucky divides pools into two classifications: private and public. Since anything goes in an individual's back yard, the field was further limited to installations at other locations such as Hotels, Drive-Ins, etc.

Mr. Pickard had apparently been informed by Mr. Frocht that a number of so called public pools had been installed in various states and read letters from the various Boards of Health involved in which it was definitely stated that Vinyl pool liners did not have official approval. Mr. Pickard is a member of the National Swimming Pool Committee and seemed to be well acquainted with the workings of the National Sanitation Foundation. The latter was specifically related to the use of Plastic Piping for handling potable and other type liquids.

After a general discussion on types of pool installations which included concrete vs sand bottoms, use of swim catchers and toxicity of the vinyl liner, we arrived at the following conclusions:

1. Kentucky would approve the use of a vinyl liner if it was approved by the N/Sanitation Foundation.
2. All public pools would require concrete bottoms.
3. Pool specifications would have to conform with state codes and,
4. Installations for private use could proceed without interruptions.

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SEP 10 1958

INDUSTRIAL MEDICINE &
TOXICOLOGY DEPARTMENT

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EXTRA

BAKELITE COMPANY
A DIVISION OF UNION CARBIDE AND CARBON CORPORATION

REPORT OF CALL

DIVISION
NO.

52

- PAGE 2-

NAME Chas. Poole
Kentucky Board of Health
ADDRESS Louisville, Kentucky

INTERVIEWED (GIVE TITLE) _____

BY L. G. Howard

DATE OF CALL _____

LAST CALL _____

CONFIDENTIAL _____

SALES BULLETIN _____

CHANGES IN PERSONNEL _____

DISPOSITION LAST 3 COPIES

The outcome of the meeting was most satisfactory as it is felt that we should not have too much difficulty in getting toxicity approval from the H.S.F. on our K1A-2453 Blue 35 compound. If this can be done without delay and official approval obtained by Kentucky, this could be a means of getting approval in the other states. Nationwide approval should result in a substantial boost in our sheet sales.

A letter was written to Mr. Y. W. Hale suggesting that we expedite supplying all toxicity information to the H.S.F. so that our compound will be among those approved.

Mr. E. C. Howe

The Goodyear delegation could not attend this meeting and instead sent a telegram stating that their compound was non toxic. For your information, their formulation is as follows:

100 parts resin
55 parts Octyl Decyl Plasticizer
5 parts C-62
2 1/2 parts Ba-CD Laurate
5 parts TiO₂ and pigments.

L. G. Howard

LCH:cm
Enc'd 9/8/58
Typed 9/8/58

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