

UNION CARBIDE AND CARBON CORPORATION

UCC

30 EAST FORTY-SECOND STREET
NEW YORK 17, N. Y.

May 7, 1956

Mr. R. M. Mehurin, Chief
Laboratory Section
Meat Inspection Branch
Agricultural Research Service
U. S. Department of Agriculture
Washington 25, D. C.

Dear Mr. Mehurin:

In previous correspondence both you and Dr. Lehman have voiced no objection to the use of Bakelite rigid vinyl sheeting for food packaging such as boxes in which dressed poultry, etc., might be packed. Our Bakelite Company has now called to our attention the fact that they wish to use a colorant in this composition. They also propose to use a cast vinyl film for sealing the tops of these boxes.

The following is the composition of the sheeting material:

VCAA 3400 Yellow 523
VCAA 3400 Yellow 524

<u>Ingredient</u>	<u>Percentage</u>
VYNS vinyl resin (90/10 vinyl chloride/ vinyl acetate ratio)	97.3 (minus colorant)
Magnesium epoxystearate (prepared from G-60)	2.0 - 3.0
Zinc stearate	.2
External D & C Yellow No. 3 Lake (K7150) (H. Kohnstamm & Co., N.Y.C.)	.50 - 1.00
Titanium dioxide	.25 - .50

Based upon our previous correspondence, no objection would be raised to the use of the above composition without the colorant.

I am informed by the manufacturer, H. Kohnstamm and Company, Inc., that External D & C Yellow No. 3 is a certified color with classification and C.I. No. Pyrazolone 636. The

UCC
063710

Mr. R. M. Mehurin

-2-

May 7, 1956

chemical name is monosodium salt of 5-hydroxy-3-methyl-4-phenylazo-1-p-sulfophenylpyrazole.

The clear cast film to be used as tops for these boxes is known as VBAB 9023 Natural and has the following formulation:

VBAB 9023 Natural

<u>Ingredient</u>	<u>Percentage</u>
VYNW vinyl resin (95/5 vinyl chloride/ vinyl acetate ratio)	73.5
DOP	24.0
G-60 (Rohm & Haas)	2.0
Acrawax C	.17
Durocer wax	.33

The components of this formulation have been found acceptable for food packaging use in the past.

Will you kindly let us have your opinion as to the safety of these formulations for use in food packaging.

Very truly yours,



MEDICAL DIRECTOR

Thomas W. Nale, M. D.

j1

Copy to Dr. A. J. Lehman

UCC
063711

May 7, 1956

Mr. R. M. Mehurin, Chief
Laboratory Section
Meat Inspection Branch
Agricultural Research Service
U. S. Department of Agriculture
Washington 25, D. C.

Dear Mr. Mehurin:

In previous correspondence both you and Dr. Lehman have voiced no objection to the use of Bakelite rigid vinyl sheeting for food packaging such as boxes in which dressed poultry, etc., might be packed. Our Bakelite Company has now called to our attention the fact that they wish to use a colorant in this composition. They also propose to use a cast vinyl film for sealing the tops of these boxes.

The following is the composition of the sheeting material:

VCAA 3400 Yellow 523
VCAA 3400 Yellow 524

<u>Ingredient</u>	<u>Percentage</u>
VYNS vinyl resin (90/10 vinyl chloride/ vinyl acetate ratio)	97.3 (minus colorant)
Magnesium epoxystearate (prepared from G-60)	2.0 - 3.0
Zinc stearate	.2
External D & C Yellow No. 3 Lake (K7150) (H. Kohnstamm & Co., N.Y.C.)	.50 - 1.00
Titanium dioxide	.25 - .50

Based upon our previous correspondence, no objection would be raised to the use of the above composition without the colorant.

I am informed by the manufacturer, H. Kohnstamm and Company, Inc., that External D & C Yellow No. 3 is a certified color with classification and C.I. No. Pyrazolone 636. The

UCC
063712

May 7, 1956

chemical name is monosodium salt of 5-hydroxy-3-methyl-4-phenylazo-1-p-sulfophenylpyrazole.

The clear cast film to be used as tops for these boxes is known as VBAB 9023 Natural and has the following formulation:

VBAB 9023 Natural

<u>Ingredient</u>	<u>Percentage</u>
VYNW vinyl resin (95/5 vinyl chloride/ vinyl acetate ratio)	73.5
DOP	24.0
G-60 (Rohm & Haas)	2.0
Aerawax C	.17
Durocer wax	.33

The components of this formulation have been found acceptable for food packaging use in the past.

Will you kindly let us have your opinion as to the safety of these formulations for use in food packaging.

Very truly yours,



MEDICAL DIRECTOR

Thomas W. Hale, M. D.

Jl

Copy to Dr. A. J. Lehman✓

UCC
063713

cc: Mr. A. J. Dragonette✓
Mr. H. F. Robertson
Mr. G. T. Scriba
Dr. H. F. Smyth, Jr.

May 7, 1956

Mr. R. M. Mehurin, Chief
Laboratory Section
Meat Inspection Branch
Agricultural Research Service
U. S. Department of Agriculture
Washington 25, D. C.

Dear Mr. Mehurin:

In previous correspondence both you and Dr. Lehman have voiced no objection to the use of Bakelite rigid vinyl sheeting for food packaging such as boxes in which dressed poultry, etc., might be packed. Our Bakelite Company has now called to our attention the fact that they wish to use a colorant in this composition. They also propose to use a cast vinyl film for sealing the tops of these boxes.

The following is the composition of the sheeting material:

VCAA 3400 Yellow 523	
<u>VCAA 3400 Yellow 524</u>	
<u>Ingredient</u>	<u>Percentage</u>
VYAS vinyl resin (90/10 vinyl chloride/ vinyl acetate ratio)	97.3 (minus colorant)
Magnesium epoxystearate (prepared from G-60)	2.0 - 3.0
Zinc stearate	.2
External D & C Yellow No. 3 Lake (K7150) (H. Kohnstamm & Co., N.Y.C.)	.50 - 1.00
Titanium dioxide	.25 - .50

Based upon our previous correspondence, no objection would be raised to the use of the above composition without the colorant.

I am informed by the manufacturer, H. Kohnstamm and Company, Inc., that External D & C Yellow No. 3 is a certified color with classification and C.I. No. Pyrazolone 636. The

UCC
063714

May 7, 1956

chemical name is monosodium salt of 5-hydroxy-3-methyl-4-phenylazo-1-p-sulfophenylpyrazole.

The clear cast film to be used as tops for these boxes is known as VBAB 9023 Natural and has the following formulation:

VBAB 9023 Natural

<u>Ingredient</u>	<u>Percentage</u>
VYNW vinyl resin (95/5 vinyl chloride/ vinyl acetate ratio)	73.5
DOP	24.0
G-60 (Rohm & Haas)	2.0
Acrax C	.17
Durocer wax	.33

The components of this formulation have been found acceptable for food packaging use in the past.

Will you kindly let us have your opinion as to the safety of these formulations for use in food packaging.

Very truly yours,



MEDICAL DIRECTOR

Thomas W. Male, M. D.
jl

Copy to Dr. A. J. Lehman

UCC
063715

cc: Mr. A. J. Dragonette
Mr. H. F. Roberts n✓
Mr. G. T. Scriba
Dr. H. F. Smyth, Jr.

May 7, 1956

Mr. R. M. Mehurin, Chief
Laboratory Section
Meat Inspection Branch
Agricultural Research Service
U. S. Department of Agriculture
Washington 25, D. C.

Dear Mr. Mehurin:

In previous correspondence both you and Dr. Lehman have voiced no objection to the use of Bakelite rigid vinyl sheeting for food packaging such as boxes in which dressed poultry, etc., might be packed. Our Bakelite Company has now called to our attention the fact that they wish to use a colorant in this composition. They also propose to use a cast vinyl film for sealing the tops of these boxes.

The following is the composition of the sheeting material:

<u>VCAA 3400 Yellow 523</u>	
<u>VCAA 3400 Yellow 524</u>	
<u>Ingredient</u>	<u>Percentage</u>
VYNS vinyl resin (90/10 vinyl chloride/ vinyl acetate ratio)	97.3 (minus colorant)
Magnesium epoxystearate (prepared from G-60)	2.0 - 3.0
Zinc stearate	.2
External D & C Yellow No. 3 Lake (K7150) (H. Kohnstamm & Co., N.Y.C.)	.50 - 1.00
Titanium dioxide	.25 - .50

Based upon our previous correspondence, no objection would be raised to the use of the above composition without the colorant.

I am informed by the manufacturer, H. Kohnstamm and Company, Inc., that External D & C Yellow No. 3 is a certified color with classification and C.I. No. Pyrazolone 636. The

UCC
063716

May 7, 1956

chemical name is monosodium salt of 5-hydroxy-3-methyl-4-phenylazo-1-p-sulfophenylpyrazole.

The clear cast film to be used as tops for these boxes is known as VBAB 9023 Natural and has the following formulation:

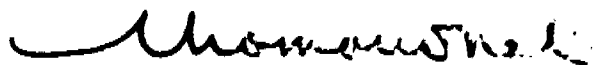
VBAB 9023 Natural

<u>Ingredient</u>	<u>Percentage</u>
VYNW vinyl resin (95/5 vinyl chloride/ vinyl acetate ratio)	73.5
DOP	24.0
G-60 (Rohm & Haas)	2.0
Acrax C	.17
Durocer wax	.33

The components of this formulation have been found acceptable for food packaging use in the past.

Will you kindly let us have your opinion as to the safety of these formulations for use in food packaging.

Very truly yours,



MEDICAL DIRECTOR

Thomas W. Hale, M. D.
jl

Copy to Dr. A. J. Lehman

UCC
063717

cc: Mr. A. J. Dragonette
Mr. H. F. Robertson
Mr. G. T. Scriba ✓
Dr. H. F. Smyth, Jr.

May 7, 1956

Mr. R. M. Mehurin, Chief
Laboratory Section
Meat Inspection Branch
Agricultural Research Service
U. S. Department of Agriculture
Washington 25, D. C.

Dear Mr. Mehurin:

In previous correspondence both you and Dr. Lehman have voiced no objection to the use of Bakelite rigid vinyl sheeting for food packaging such as boxes in which dressed poultry, etc., might be packed. Our Bakelite Company has now called to our attention the fact that they wish to use a colorant in this composition. They also propose to use a cast vinyl film for sealing the tops of these boxes.

The following is the composition of the sheeting material:

VCAA 3400 Yellow 523
VCAA 3400 Yellow 524

<u>Ingredient</u>	<u>Percentage</u>
VYNS vinyl resin (90/10 vinyl chloride/ vinyl acetate ratio)	97.3 (minus colorant)
Magnesium epoxystearate (prepared from G-60)	2.0 - 3.0
Zinc stearate	.2
External D & C Yellow No. 3 Lake (K7150) (H. Kohnstamm & Co., N.Y.C.)	.50 - 1.00
Titanium dioxide	.25 - .50

Based upon our previous correspondence, no objection would be raised to the use of the above composition without the colorant.

I am informed by the manufacturer, H. Kohnstamm and Company, Inc., that External D & C Yellow No. 3 is a certified color with classification and C.I. No. Pyrazolone 636. The

UCC
063718

May 7, 1956

chemical name is monosodium salt of 5-hydroxy-3-methyl-4-phenylazo-1-p-sulfophenylpyrazole.

The clear cast film to be used as tops for these boxes is known as VBAB 9023 Natural and has the following formulation:

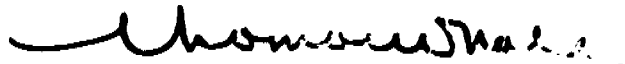
VBAB 9023 Natural

<u>Ingredient</u>	<u>Percentage</u>
VYNW vinyl resin (95/5 vinyl chloride/ vinyl acetate ratio)	73.5
DOP	24.0
G-60 (Rohm & Haas)	2.0
Acrax C	.17
Durocer wax	.33

The components of this formulation have been found acceptable for food packaging use in the past.

Will you kindly let us have your opinion as to the safety of these formulations for use in food packaging.

Very truly yours,



MEDICAL DIRECTOR

Thomas W. Hale, M. D.
jl

Copy to Dr. A. J. Lehman

cc: Mr. A. J. Dragonett
Mr. H. P. Robertson
Mr. G. T. Scriba
Dr. H. P. Smyth, Jr.✓

May 7, 1956

Mr. R. M. Mehurin, Chief
Laboratory Section
Meat Inspection Branch
Agricultural Research Service
U. S. Department of Agriculture
Washington 25, D. C.

Dear Mr. Mehurin:

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The following is the composition of the sheeting material:

VCAA 3400 Yellow 523
VCAA 3400 Yellow 524

<u>Ingredient</u>	<u>Percentage</u>
VYNS vinyl resin (90/10 vinyl chloride/ vinyl acetate ratio)	97.3 (minus colorant)
Magnesium epoxystearate (prepared from 8-60)	2.0 - 3.0
Zinc stearate	.2
External D & C Yellow No. 3 Lake (K7150) (H. Kohnstamm & Co., N.Y.C.)	.50 - 1.00
Titanium dioxide	.25 - .50

Based upon our previous correspondence, no objection would be raised to the use of the above composition without the colorant.

I am informed by the manufacturer, H. Kohnstamm and Company, Inc., that External D & C Yellow No. 3 is a certified color with classification and C.I. No. Pyrazelone 636. The

UCC
063720

May 7, 1956

chemical name is monosodium salt of 5-hydroxy-3-methyl-4-phenylazo-1-p-sulfophenylpyrazole.

The clear cast film to be used as tops for these boxes is known as VBAB 9023 Natural and has the following formulation:

VBAB 9023 Natural

<u>Ingredient</u>	<u>Percentage</u>
VYNw vinyl resin (95/5 vinyl chloride/ vinyl acetate ratio)	73.5
DOP	24.0
G-60 (Rohm & Haas)	2.0
Acrawax C	.17
Durocer wax	.33

The components of this formulation have been found acceptable for food packaging use in the past.

Will you kindly let us have your opinion as to the safety of these formulations for use in food packaging.

Very truly yours,



MEDICAL DIRECTOR

Thomas W. Hale, M. D.

jl

Copy to Dr. A. J. Lehman

May 7, 1956

Mr. R. M. Mehurin, Chief
Laboratory Section
Meat Inspection Branch
Agricultural Research Service
U. S. Department of Agriculture
Washington 25, D. C.

Dear Mr. Mehurin:

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The following is the composition of the sheeting material:

VCAA 3400 Yellow 523
VCAA 3400 Yellow 524

<u>Ingredient</u>	<u>Percentage</u>
VYNS vinyl resin (90/10 vinyl chloride/ vinyl acetate ratio)	97.3 (minus colorant)
Magnesium epoxystearate (prepared from G-60)	2.0 - 3.0
Zinc stearate	.2
External D & C Yellow No. 3 Lake (K7150) (H. Kohnstamm & Co., N.Y.C.)	.50 - 1.00
Titanium dioxide	.25 - .50

Based upon our previous correspondence, no objection would be raised to the use of the above composition without the colorant.

I am informed by the manufacturer, H. Kohnstamm and Company, Inc., that External D & C Yellow No. 3 is a certified color with classification and C.I. No. Pyrazolone 636. The

UCC
063722

May 7, 1956

chemical name is monosodium salt of 5-hydroxy-3-methyl-4-phenylazo-1-p-sulfophenylpyrazole.

The clear cast film to be used as tops for these boxes is known as VBAB 9023 Natural and has the following formulation:

VBAB 9023 Natural

<u>Ingredient</u>	<u>Percentage</u>
VYNW vinyl resin (95/5 vinyl chloride/ vinyl acetate ratio)	73.5
EOP	24.0
Q-60 (Rohm & Haas)	2.0
Acrax C	.17
Durocer wax	.33

The components of this formulation have been found acceptable for food packaging use in the past.

Will you kindly let us have your opinion as to the safety of these formulations for use in food packaging.

Very truly yours,

MEDICAL DIRECTOR

Thomas W. Hale, M. D.

jl

Copy to Dr. A. J. Lehman

UCC
063723

cc: Mr. A. J. Dragonette
Mr. H. F. Robertson
Mr. G. T. Scriba
Dr. H. F. Smyth, Jr.

May 7, 1956

Mr. R. M. Mehurin, Chief
Laboratory Section
Meat Inspection Branch
Agricultural Research Service
U. S. Department of Agriculture
Washington 25, D. C.

Dear Mr. Mehurin:

In previous correspondence both you and Dr. Lehman have voiced no objection to the use of Bakelite rigid vinyl sheeting for food packaging such as boxes in which dressed poultry, etc., might be packed. Our Bakelite Company has now called to our attention the fact that they wish to use a colorant in this composition. They also propose to use a cast vinyl film for sealing the tops of these boxes.

The following is the composition of the sheeting material:

VCAA 3400 Yellow 523
VCAA 3400 Yellow 524

<u>Ingredient</u>	<u>Percentage</u>
VYN3 vinyl resin (90/10 vinyl chloride/ vinyl acetate ratio)	97.3 (minus colorant)
Magnesium epoxystearate (prepared from 8-60)	2.0 - 3.0
Zinc stearate	.2
External D & C Yellow No. 3 Lake (K7150) (H. Kohnstamm & Co., N.Y.C.)	.50 - 1.00
Titanium dioxide	.25 - .50

Based upon our previous correspondence, no objection would be raised to the use of the above composition without the colorant.

I am informed by the manufacturer, H. Kohnstamm and Company, Inc., that External D & C Yellow No. 3 is a certified color with classification and C.I. No. Pyrazolone 636. The

UCC
063724

May 7, 1956

chemical name is monosodium salt of 5-hydroxy-3-methyl-4-phenylazo-1-p-sulfophenyipyrazole.

The clear cast film to be used as tops for these boxes is known as VBAB 9023 Natural and has the following formulation:

VBAB 9023 Natural

<u>Ingredient</u>	<u>Percentage</u>
VYNW vinyl resin (95/5 vinyl chloride/ vinyl acetate ratio)	73.5
DOP	24.0
Q-60 (Rohm & Haas)	2.0
Acrax C	.17
Durocer wax	.33

The components of this formulation have been found acceptable for food packaging use in the past.

Will you kindly let us have your opinion as to the safety of these formulations for use in food packaging.

Very truly yours,

MEDICAL DIRECTOR

Thomas W. Hale, M. D.
jl

Copy to Dr. A. J. Lehman

UCC
063725