

BFGoodrich

AN 5075
debt

The BFGoodrich Company
500 South Main Street
Akron, Ohio 44318

Address Reply To:
Dept. 0020
Bldg. 24-B

January 13, 1986

Program Director
National Sanitation Foundation
P.O. Box 1468
Ann Arbor, Michigan 48106

Dear Sir:

I am enclosing Material Formulation Confidential Reports for three BFGoodrich PVC compounds on the behalf of Jeans' Extrusions Inc. for Kolpak Industries Inc.

The composition of BFGoodrich compounds 62-265, 22-485 and Geon 8700A-244A are confidential. They are therefore subject to the generic secrecy agreement signed by the BFGoodrich Company and the National Sanitation Foundation signed October 24, 1979.

Sincerely, .

M. C. Bachtel

M. C. Bachtel
Toxicologist

jp

cc: R. Burl Jean - Jeans' Extrusions
J. Mason, BFGoodrich, Marietta
J. Kelly, BFGoodrich, Cleveland Chemical

21150001

BFG10814



National Sanitation Foundation

3475 Plymouth Road, P.O. Box 1468
Ann Arbor, Michigan 48106 U.S.A.
Telephone: (313) 769-8010

MATERIAL FORMULATION CONFIDENTIAL REPORT

Mail to:

Program Director
NSF
P. O. Box 1468
Ann Arbor, Michigan 48106

Date November 4, 1985

Standard F-7

I Program Participant Kolpak Industries, Inc.
Address Florida Avenue
Parsons, TN 38363

II Equipment Model Numbers All Listed
Description of Equipment Freezers and refrigerators

III Description of Parts Door gaskets
Part Numbers _____
Fabricated by _____

NOTE: Complete the following if part is used in food contact application:

Temperature of Food 35-40 deg F Type of Food Various

Surface area in contact (sq. in.) 78

IV Basic Material Supplier BFGoodrich Pigment Supplier _____
Type Material Polyvinyl chloride Color Gray
Formulation Identification 62-265 Formulation Identification _____

V COMPOSITION OF FORMULATION AND PERTINENT DATA — USE REVERSE SIDE IF NEEDED

Chemical Description of Ingredient (Do NOT Use Trade Names)	Parts by Weight	Supplier	Section of the Code of Federal Regulations under which accepted. Information required when in food contact applications.
Polyvinyl chloride	92.00	BFGoodrich	Prior sanction
Acrylic modified-Acryloid K1334	8.00	Rohm & Haas	?
Methyl methacrylate-ethyl acrylate	1.00	Rohm & Haas	178.3790
Calcium carbonate	35.00	Georgia Marble	GRAS
Dialkyl Phthalate	25.00	Monsanto	--
Calcium stearate	1.0	Dart/Witco	Prior sanction
Dimethyl tin bisisooctyl thioglycolate	1.5	Carstab	178.2010
*Toner	1.062	BFGoodrich	
*Titanium dioxide	1.0	Trioxide	GRAS
Silicon dioxide	0.04	Glidden	GRAS
Chrome yellow dispersion	.0060	Wilson	--
Carbon black dispersion	.0235	Hercules	177.2600

It is herein certified that the above listed material is intended for the specific end use application. It is further certified that in the case of materials intended for food contact application, the material meets the requirements of the Federal Food, Drug, and Cosmetic Act as amended.

☒ BASIC MATERIAL SUPPLIER / ☐ PIGMENT SUPPLIER

Use Reverse Side if Needed.
Do not attach additional sheets unless
signed by basic material/pigment supplier.

Company BFGoodrich Company

Signature A. C. Baskett

Title Toxicologist

Date 1-13-86

Form/Formul/January 1984

Page _____ of _____

REGIONAL OFFICE USE ONLY

☐ Food Zone ☐ Resin
☒ Splash Zone ☐ Pigment
☐ Non-food Zone ☐ Smooth
☐ Textured

Tests Required:
Chem Formula review
T & O _____
Clean _____
Abr _____
Impact _____
Blend _____
Heat _____
Use & Wear _____

Evaluated by _____

Date Evaluated _____

Co. No. 26702

MFCR4-044

BFG10815

21150002



National Sanitation Foundation

3475 Plymouth Road, P.O. Box 1468
Ann Arbor, Michigan 48106 U.S.A.
Telephone: (313) 769-8010

Page _____ of _____

REGIONAL OFFICE USE ONLY

☐ Food Zone ☐ Resin
☒ Splash Zone ☐ Pigment
☐ Non-food Zone ☐ Smooth
☐ Textured

Tests Required: Formula review
Chem _____
T & O _____
Clean _____
Abr _____
Impact _____
Blend _____
Heat _____
Use & Wear _____

Evaluated by _____
Date Evaluated _____
Co. No. 26702

MATERIAL FORMULATION CONFIDENTIAL REPORT

Mail to:

Program Director
NSF
P. O. Box 1468
Ann Arbor, Michigan 48106

Date November 4, 1985

Standard F-7

I Program Participant Kolpak Industries, Inc.
Address Florida Avenue
Parsons, TN 38363

II Equipment Model Numbers All Listed

Description of Equipment Freezers and refrigerators

III Description of Parts Door gaskets

Part Numbers _____

Fabricated by _____

NOTE: Complete the following if part is used in food contact application:

Temperature of Food 35-40 deg F Type of Food Various

Surface area in contact (sq. in.) 78

IV Basic Material Supplier BFGoodrich Pigment Supplier _____

Type Material Polyvinyl Chloride Color Gray

Formulation Identification 22-485 Formulation Identification _____

V COMPOSITION OF FORMULATION AND PERTINENT DATA — USE REVERSE SIDE IF NEEDED

Chemical Description of Ingredient (Do NOT Use Trade Names)	Parts by Weight	Supplier	Section of the Code of Federal Regulations under which accepted. Information required when in food contact applications.
Polyvinyl chloride	100	BFGoodrich	Prior sanction
Calcium carbonate	55	Georgia Marble	GRAS
Dioctyl phthalate	73	Eastman Chem.	Prior sanction
Epoxidized soybean oil	5	Rohm & Haas	Prior sanction
Zinc stearate stabilizer	2	Vanderbilt	GRAS, 178.2010
Polyethylene	0.5	Allied	177.1510, 177.2600
Stearic acid	0.25	Emery	GRAS
Titanium dioxide	2	duPont	GRAS
Silica	0.08	Glidden	GRAS
Carbon black-polyelefin	0.042	Ciba-Geigy	177.2600

It is herein certified that the above listed material is intended for the specific end use application. It is further certified that in the case of materials intended for food contact application, the material meets the requirements of the Federal Food, Drug, and Cosmetic Act as amended.

☒ BASIC MATERIAL SUPPLIER / ☐ PIGMENT SUPPLIER

Use Reverse Side if Needed.
Do not attach additional sheets unless
signed by basic material/pigment supplier.

Company BFGoodrich

Signature A. C. Bechtel

Title Toxicologist

Date 1-13-86

Form/Formul/January 1984

MFCR4-044

BFG10816

20009712



National Sanitation Foundation

3475 Plymouth Road, P.O. Box 1468
Ann Arbor, Michigan 48106 U.S.A.
Telephone: (313) 769-8010

Page _____ of _____

REGIONAL OFFICE USE ONLY

- | | |
|--|-----------------------------------|
| ☐ Food Zone | ☐ Resin |
| ☐ Splash Zone | ☐ Pigment |
| ☐ Non-food Zone | ☐ Smooth |
| | ☐ Textured |

Tests Required:

Chem Formula Review
T & O _____
Clean _____
Abr _____
Impact _____
Blend _____
Heat _____
Use & Wear _____

Evaluated by _____

Date Evaluated _____

Co. No. 26702

MF04-043

MATERIAL FORMULATION CONFIDENTIAL REPORT

Mail to:

Program Director
NSF
P. O. Box 1468
Ann Arbor, Michigan 48106

Date November 4, 1985

Standard F-7

I Program Participant Kolpak Industries, Inc.
Address Florida Avenue
Parsons, TN 38363

II Equipment Model Numbers Listed refrigerators and freezers
Description of Equipment _____

III Description of Parts Plastic breaker strips
Part Numbers _____

Fabricated by _____

NOTE: Complete the following if part is used in food contact application:

Temperature of Food 35-40 deg. F Type of Food Various

Surface area in contact (sq. in.) 350

IV Basic Material Supplier BFGoodrich Pigment Supplier _____
Type Material Polyvinyl chloride Color Gray
Formulation Identification Geon 8700A-244 Formulation Identification _____

V COMPOSITION OF FORMULATION AND PERTINENT DATA — USE REVERSE SIDE IF NEEDED

Chemical Description of Ingredient (Do NOT Use Trade Names)	Parts by Weight	Supplier	Section of the Code of Federal Regulations under which accepted. Information required when in food contact applications.
PVC Resin	100.0	BFGoodrich	Prior sanction
Styrene-acrylonitrile copolymer	5.0	BFGoodrich	177.2600
Butadiene-acrylonitrile copolymer	5.3	BFG	177.2600
Butyltin stabilizer, thio- glycolate type	1.0	M&T Chemicals	NSF-potable water use
Calcium carbonate	7.5	Pfizer	GRAS
Mineral oil, USP	2.0	Witco	178.3620 & 177.2600
Calcium stearate	1.75	Dart/Witco	Prior sanction
Carbon black, furnace	0.056	Cities Service	177.2600
Titanium dioxide-rutile	3.700	duPont	GRAS
Cadmolith yellow 620	0.038	SMC Corp.	*
Cadmium flame red 201	0.018	SMC Corp.	*

* SEE REVERSE SIDE

It is here certified that the above listed material is intended for the specific end use application. It is further certified that in the case of materials intended for food contact application, the material meets the requirements of the Federal Food, Drug, and Cosmetic Act as amended.

☒ BASIC MATERIAL SUPPLIER / ☐ PIGMENT SUPPLIER

Use Reverse Side if Needed.
Do not attach additional sheets unless
signed by basic material/pigment supplier.

Company BFGoodrich

Signature M. C. Boettel

Title Toxicologist

Date 1-13-86

BFG10817

Form/Formul/January 1984

2150004



(812) 883-2581

BOX 307
ST. RD. 56 W
SALEM, IN 47167

11-18-85

Mr. Wally Bachtel
The BFGoodrich Co.
500 S. Main St.
Akron, Ohio 44318
Dept. 0020 Bldg. 5-H

Mr. Bachtel,

Please complete the NSF Material Formulation Reports for Kolpak Industries.

Sheet #1 on description of equipment is freezers and refrigerators. Compounds on these items are 62-265 and 22-485 Marietta compounds.

Sheet #2 list "plastic breaker strips", which is BFG chemical compound #8700A-244.

Thank you for your co-operation.

Sincerely,

A handwritten signature in cursive script that reads 'R. Burl Jean'.

R. Burl Jean

RBJ/mjh
File
Enc. (2)

BFG10818

21.251X105

TO	Mr. W. C. Bachtel	FIELD POINT OR DEPT. & BLDG. NO. Akron - Dept. 0020, Bldg. 5-H	DATE YOUR LETTER
FROM	Jerry D. Mason	FIELD POINT OR DEPT. & BLDG. NO. Marietta	DATE THIS LETTER 12-26-85
SUBJECT			

COMPOUND 62-265

I have enclosed a copy of the 62-265 recipe as you requested.

J. D. Mason
Jerry D. Mason (mly)

JDM:mbf

cc: E. A. Huettel

Enc.

DEC 30 1985

BFG10819

COMP'D 62-265 GB COLOR GRAY USE -
 RAM CYLINDER (PSI) STEAM @ GATE (PSI) STEAM @ JACKET (PSI)
 STEAM @ ROTOR (PSI) KWH SETTING RAM 1 KWH SETTING RAM 2
 KWH DUMP DUMP TEMP (F) BANBURY SPEED BANBURY NO 6
 SED ON 62-023 HARDNESS 68+-2 D COMMENTS 1
 COMMENTS 2
 COMMENTS 3
 COMMENTS 4
 COMMENTS 5
 COMMENTS 6

L#	SPGR	VOLUME	PERCENT	PARTS	PIGMENT DESCRIPTION	BANBURY	UNITS
01	1.40	65.7143	55.9060	92.0000	830704 WHITE PWD (S-711)	380.16	
02	1.10	7.2727	4.8614	8.0000	831000 WHITE PWD (KM-334)	33.06	
03	1.18	0.8475	0.6077	1.0000	830350 WHITE PWD (K-120-N)	4.13	
04	2.71	12.9151	21.2686	35.0000	8276 WHITE PWD (CaCO ₃)	144.63	
05			0.0000	0.0000	-	0.00	
06	0.97	25.7732	15.1918	25.0000	8149 CLEAR OIL (S-711)	103.30	
07	1.05	0.9524	0.6077	1.0000	8738 WHITE PWD (Ca Stearate)	4.13	
08	1.17	1.2821	0.9115	1.5000	861971 LIQUID (TM-181)	6.20	
09			0.0000	0.0000	-	0.00	
10	3.72	0.2855	0.6453	1.0620	952-899 BLEND	4.39	

T1 115.0428 T2 100.0000 T3 164.5620 T4 680.00
 REVISION 1
 DEPT 88241 DATE 04/08/85 SP:GR 1.43 COL.ID GRAY COMPOUND NO 62-265 GB

181- DEN ... this is a ...
 Ca. 1.5

COMP'D 952-899 D COLOR GRAY USE EXT
 MIXER JACKET (F) MIXER SPEED
 LEVEL DISCHARGE (%) POWER SCALE (KW)
 BASED ON 62-265 HARDNESS
 COMMENTS 1 PREMIX LINES 1 & 2
 COMMENTS 2 ADD & MIX LINES 4 & 5
 COMMENTS 3
 COMMENTS 4 SEND SAMPLE TO LAB FOR COLOR CHECK
 COMMENTS 5
 COMMENTS 6

L#	SPGR	VOLUME	PERCENT	PARTS	PIGMENT DESCRIPTION	HENSCHEL WEIGHTS	UNITS
1	4.00	0.2500	93.5016	1.0000	8585 WHITE PWD (TiO ₂)	46.75	
2	2.10	0.0190	3.7401	0.0400	820319 WHITE PWD (SiO ₂)	1.87	
3			0.0000			0.00	
4	2.66	0.0023	0.5610	0.0060	852779 YELLOW PWD (Chine yellow)	0.28	
5	1.00	0.0235	2.1973	0.0235	852882 BLACK PWD (Carbon Black)	1.10	
6							

T1 0.2948 T2 100.0000 T3 1.0695 T4 50.00
 REVISION 1
 DEPT 88241 DATE 03/26/85 SP:GR 3.63 COL.ID GRAY COMPOUND NO 952-899 D
 Form saved

BFG10820

2150007