



PolyOne Center
33587 Walker Road
Avon Lake, OH 44012
Phone +1 440-930-1000
Facsimile +1 440-930-3064
www.polyone.com

August 15, 2017

Loose Plastics, Inc.

FDA Status Certification
PolyOne Product Number: CC10223911WE
PolyOne Product Description: UV REMCO RED PE

Dear Madam/Sir,

This correspondence is in response to your request for information concerning the FDA status of the PolyOne product indicated above. Please be advised that this product, when used at the recommended letdown ratio (2.0%) in the prescribed resins, is acceptable for food contact applications regulated under the provisions of the Food, Drug, and Cosmetic Act and subsequent amendments as outlined in Title 21 of the Code of Federal Regulations for use with all food types under temperature conditions B through H as described in Tables 1 and 2, Section 176.170(c). Applicable sections of 21 CFR are identified below for the intended end use article as identified by your company.

21 CFR 177.1520(c)3.1a 21 CFR 178.3297 21 CFR 178.2010
21 CFR 178.3860

We, of course, do not control the conditions under which our products are used in your products. Therefore, we are not in a position to warrant that your products meet FDA, EPA, or other regulatory requirements.

Should you require assistance with this matter or desire any additional information concerning these or other PolyOne products, please feel free to contact us at your convenience. The information submitted is valid as of the date of this letter. PolyOne makes no representations or warranties as to the accuracy of the information contained or referenced herein as of any other date. PolyOne will respond to requests for updated information as appropriate.

Respectfully yours,

Geoffrey M. Weyburne
Product Stewardship
Food, Drug and Medical Applications



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August 15, 2017

Loose Plastics, Inc.

FDA Status Certification

PolyOne Product Number: CC10223915WE

PolyOne Product Description: UV REMCO YELLOW PE

Dear Madam/Sir,

This correspondence is in response to your request for information concerning the FDA status of the PolyOne product indicated above. Please be advised that this product, when used at the recommended letdown ratio (2.0%) in the prescribed resins, is acceptable for food contact applications regulated under the provisions of the Food, Drug, and Cosmetic Act and subsequent amendments as outlined in Title 21 of the Code of Federal Regulations for use with all food types under temperature conditions C through H as described in Tables 1 and 2, Section 176.170(c); provided, further, that the end article is not filled under temperatures exceeding 70°C. Applicable sections of 21 CFR are identified below for the intended end use article as identified by your company.

21 CFR 177.1520(c)3.1a 21 CFR 178.3297 21 CFR 178.2010
21 CFR 178.3860

We, of course, do not control the conditions under which our products are used in your products. Therefore, we are not in a position to warrant that your products meet FDA, EPA, or other regulatory requirements.

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Respectfully yours,

Geoffrey M. Weyburne
Product Stewardship
Food, Drug and Medical Applications



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August 15, 2017

Loose Plastics, Inc.

FDA Status Certification

PolyOne Product Number: CC10223913WE

PolyOne Product Description: UV REMCO GREEN PE

Dear Madam/Sir,

This correspondence is in response to your request for information concerning the FDA status of the PolyOne product indicated above. Please be advised that this product, when used at the recommended letdown ratio (2.0%) in the prescribed resins, is acceptable for food contact applications regulated under the provisions of the Food, Drug, and Cosmetic Act and subsequent amendments as outlined in Title 21 of the Code of Federal Regulations for use with all food types under temperature conditions B through H as described in Tables 1 and 2, Section 176.170(c). Applicable sections of 21 CFR are identified below for the intended end use article as identified by your company.

21 CFR 177.1520(c)3.1a 21 CFR 178.3297 21 CFR 178.2010
21 CFR 178.3860

We, of course, do not control the conditions under which our products are used in your products. Therefore, we are not in a position to warrant that your products meet FDA, EPA, or other regulatory requirements.

Should you require assistance with this matter or desire any additional information concerning these or other PolyOne products, please feel free to contact us at your convenience. The information submitted is valid as of the date of this letter. PolyOne makes no representations or warranties as to the accuracy of the information contained or referenced herein as of any other date. PolyOne will respond to requests for updated information as appropriate.

Respectfully yours,

Geoffrey M. Weyburne
Product Stewardship
Food, Drug and Medical Applications



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August 15, 2017

Loose Plastics, Inc.

FDA Status Certification

PolyOne Product Number: CC10223912WE

PolyOne Product Description: UV REMCO BLUE PE

Dear Madam/Sir,

This correspondence is in response to your request for information concerning the FDA status of the PolyOne product indicated above. Please be advised that this product, when used at the recommended letdown ratio (2.0%) in the prescribed resins, is acceptable for food contact applications regulated under the provisions of the Food, Drug, and Cosmetic Act and subsequent amendments as outlined in Title 21 of the Code of Federal Regulations for use with food types I, II, IV-B, VI-A, VI-B, VI-C (containing up to 15 percent (v/v) alcohol), VII-B, and VIII under temperature conditions B through H as described in Tables 1 and 2, Section 176.170(c). Applicable sections of 21 CFR are identified below for the intended end use article as identified by your company.

21 CFR 177.1520(c)3.1a 21 CFR 178.3297 21 CFR 178.2010
21 CFR 178.3860 FCN 426

We, of course, do not control the conditions under which our products are used in your products. Therefore, we are not in a position to warrant that your products meet FDA, EPA, or other regulatory requirements.

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Respectfully yours,

Geoffrey M. Weyburne
Product Stewardship
Food, Drug and Medical Applications

Material Certification

Certification # : 1109637
Customer : ACROFAB INC.
130 E. ROOSEVELT

ZEE LAND MI.
49464

Issue Date : 07/17/2013
Production Date : 07/17/2013
Ship Date : 07/17/2013
Customer PO # : 18438
Customer LOT # :
Customer Part # : SHMWPE0051
Production Plant : 3
Production Line : 808

Attn :

Primex Order # : 0972473R

This is to certify that the material(s) listed below were used to produce (on the above order #) the material as described, and in compliance with the stated purchase Order #

Material Description : PRIME HMWPE 1000
.250 X 32 X 53

Resin : POLYETHYLENE Virgin
Resin Cap : PEV PE COLOR WHITE
Complies with : FDA 21 CFR 177.1520
Color Cap : PE COLOR WHITE
Base : PE COLOR WHITE

Surface : SMOOTH/SMOOTH Tolerance : G +0 W STD L STD +
5% STD STD -

Additive/App : UVI 1/4%

REMCO PART # 6912

ISSUED BY
MIKEMC IN

VERIFIED BY
MIKEMC

Electronically Produced document, valid with no signature

1235 North "F" Street , Richmond, Indiana 47374
(765)966-7774 - (800)222-5116 - Facsimile (765)935-1083

Certification # : 1109638

Issue Date : 07/17/2013

Customer

Production Date : 07/17/2013

ACROFAB INC.

Ship Date : 07/17/2013

130 E.ROOSEVELT

Customer PO # : 18438

ZEEBLAND

MI

Customer LOT # :

49464

Customer Part # : SHMWPE0049

Production Plant : 3

Attn :

Production Line : 8

Primex Order # : 0972474R

This is to certify that the material(s) listed below were used to produce (on the above order #) the material as described, and in compliance with the stated purchase Order #

Material Description PRIME HMWPE 1000
.250 X 43 X 48

Resin : POLYETHYLENE Virgin

Resin Cap : PEV PE COLOR WHITE

Complies with : FDA 21 CFR 177.1520

Color Cap : PE COLOR WHITE

Base : PE COLOR WHITE

Surface : SMOOTH/SMOOTH

Tolerance : G +0 W STD L STD +

5% STD STD -

Additive/App : UVI 1/4%

6922

ISSUED BY

VERIFIED BY

MIKEMC IN

MIKEMC

Electronically Produced document, valid with no signature

1235 North "F" Street , Richmond, Indiana 47374

(765)966-7774 - (800)222-5116 - Facsimile (765)935-1083

Material Certification

Certification # : 1109646

Issue Date : 07/17/2013

Customer

Production Date : 07/17/2013

ACROFAB INC.

Ship Date : 07/17/2013

130 E. ROOSEVELT

Customer PO # : 18438

ZEELEND

MI

Customer LOT # :

Customer Part # : SHMWPE0053

49464

Production Plant : 3

Attn :

Production Line : 8

Primex Order # : 0972475R

This is to certify that the material(s) listed below were used to produce (on the above order #) the material as described, and in compliance with the stated purchase Order #

Material Description PRIME HMWPE 1000
.450 X 38 X 61

Resin : POLYETHYLENE

Virgin

Resin Cap : PEV PE COLOR WHITE

Complies with : FDA 21 CFR 177.1520

Color Cap : PE COLOR WHITE

Base : PE COLOR WHITE

Surface : SMOOTH/SMOOTH

Tolerance : G +0 W STD L STD +
5% STD STD -

Additive/App : UVI 1/4%

#

6901

ISSUED BY

MIKEMC IN

VERIFIED BY

MIKEMC

Electronically Produced document, valid with no signature

1235 North "F" Street , Richmond, Indiana 47374

(765)966-7774 - (800)222-5116 - Facsimile (765)935-1083



MUEHLSTEIN
 10 WESTPORT ROAD
 BUILDING A
 WILTON, CONNECTICUT 06897
 UNITED STATES
 Tel. : +1 203 855 6000
 Fax : +1 203 855 6222

Certificate of Analysis		
Our Order Ref.	:	4837330-01
Date	:	08-15-2017
Page	:	1 / 1

Destination : LOOSE PLASTICS, INC.
 1016 E. FIRST STREET
 GLADWIN, MICHIGAN 48624
 UNITED STATES

Product Description	Quantity
CERTENE HWB-1048 NATURAL Form: granules	50,800 lb
Customer : LOOSE PLASTICS, INC.	
Customer Order Ref. : 958077	
Customer Product Ref. :	
Load Date : 07-28-2017	

Warehouse Reference	Specification	Code	Uom	Min	Result	Max
2451033 / SHPX464	MFI METHOD	I21(190°C/21.6kg)	g/10min		9.6	
499	DENSITY	ASTM D1505	g/cm3		0.948	
	FOOD CONTACT	US FDA 21 CFR 177.1520				

Coa Comment

The batch from which we delivered showed the above mentioned values. Particular properties of the products or the suitability for a particular area of applications are not assured.

Quality Assurance Manager: document not signed because automatically printed.

The technical information, suggested uses and applications presented are made without charge and are believed to be reliable; however MUEHLSTEIN disclaims responsibility for results of use of this information. MUEHLSTEIN MAKES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, CONCERNING OUR MATERIALS, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. MUEHLSTEIN expressly disclaims any statements as being inducements. All users should rely upon their own tests in determining suitability.