

ExxonMobil Chemical Belgium

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Issue Date: 04 MAR 2014

Subject: Regulatory Declaration and/or Product Stewardship Information Statement(s) - Request

Dear Sir/Madam:

In response to your request, please find enclosed the regulatory declaration and/or product stewardship information statement(s) for the following product(s):

EXXONMOBIL HDPE HMA014

These statements are provided by or on behalf of the above referenced ExxonMobil selling affiliate.

If you have any questions or need additional information please contact your ExxonMobil sales representative.

Enclosure(s):

EXXONMOBIL HDPE HMA014 - EUROPEAN FOOD LAW

EXXONMOBIL HDPE HMA014 - USA FOOD LAW (FDA)

Reference Number: 0168087

STATEMENT

Issue Date: 04 MAR 2014

At request of: PRIME POLYMERS B.V.

Product Name(s): EXXONMOBIL HDPE HMA014

Material Code(s): 5072667

With regard to the compliance status of the ExxonMobil Chemical product referenced above with the regulation(s) identified below the following can be declared:

EU FOOD-CONTACT REGULATION

The monomer(s) and the additive(s) intentionally used in the above polymer grade are listed in Annex 1 or are authorized in accordance with the requirements of Commission Regulation (EU) No 10/2011 of 14 January 2011, as amended up to Regulation (EU) No 1183/2012, on plastic materials and articles intended to come into contact with food.

The above polymer grade complies with the relevant requirements of Regulation (EC) No 1935/2004 in as far as:

- * the grade is produced using Good Manufacturing Practice as required in article 3.1 of Regulation (EC) No 1935/2004 and meets the guidelines for Good Manufacturing Practice as specified in Regulation (EC) No 2023/2006 (on good manufacturing practice for materials and articles intended to come in contact with food).
- * the production of the above grade ensures traceability as required in article 17.1 of Regulation (EC) No 1935/2004.
- * the polymer production aids and aids to polymerization are either permitted in one or more EU Member State(s) and/or have been risk assessed based on the following assumptions:

100% migration, 1kg/food packed with 6dm² of packaging, article thickness of 250 microns

EU MEMBER STATES

As for the compliance status with EU Member States laws and/or recommendations where specific requirements exist for substances other than monomers and additives, the following can be stated:

The polymer production aids ("PPA") possibly present in the above polymer are permitted in the following countries.

Belgium

- "Arrêté royal du 3 juillet 2005 relatif aux matériaux et aux objets en matière plastique destinés à entrer en contact avec les denrées alimentaires", as amended up to "Arrêté royal du 10 février 2011"

France

- "Arrêté du 2 janvier 2003 relatif aux matériaux et objets en

matière plastique mis ou destinés à être mis au contact des denrées, produits et boissons alimentaires", as amended up to "Arrêté du 1er avril 2011"

Germany

- "Bedarfsgegenständeverordnung in der Fassung der Bekanntmachung vom 23. Dezember 1997 (BGBl. 1998 I S. 5)", as amended up to "Verordnung von 7. Februar 2011 (BGBl. I S. 226)"
- BfR Empfehlung III "Polyethylen" from the Bundesinstitut fuer Risikobewertung "BfR". 01.03.2011

Italy

- "Decreto 21 marzo 1973, concernente la disciplina igienica degli imballaggi, recipienti, utensili destinati a venire in contatto con le sostanze alimentari o con sostanze d'uso personale", as amended up to "Decreto 21 dicembre 2010, n.258 (G.U. Serie Generale n. 28 del 4 febbraio 2011)"

Spain

- "Real Decreto 866/2008, de 23 de mayo, por el que se aprueba la lista de sustancias permitidas para la fabricación de materiales y objetos plásticos destinados a entrar en contacto con los alimentos y se regulan determinadas condiciones de ensayo", as amended up to "Orden PRE/628/2011, de 22 de marzo"

The Netherlands

- "Regeling Verpakkingen- en gebruiksartikelen (Warenwet)" as amended up to "Regeling Verpakkingen- en gebruiksartikelen Staatscourant Nr VGP/VC 3048441" from February 14, 2011
Hoofdstuk 1 - Kunststof

SWITZERLAND:

The composition of the above polymer grade meets the requirements of the Swiss Ordinance on material and objects in Plastic, SR 817.023.21 of 23 Nov 2005 (stand 1 May 2011).

- The composition of the base polymeric component(s) in this polymer grade complies with the positive lists for allowed monomers in the above referenced legislation.
- The additives that may be present comply with the lists for additives in the above referenced legislation, unless explicitly referred to in the additives note below. Information regarding additives subject to a restriction in food (dual use additives) and information on lipophilic substances are not applicable in Switzerland.

Monomer restrictions:

None of the monomers used in the production of this polymer is subject to a Specific Migration Limit (SML).

Presence of additives with SML

The above polymer grade does contain one or more additive(s) that

is/are subject to a Specific Migration Limit (SML).

Presence of dual use additives

The above polymer grade does contain one or more additive(s) that is/are subject to a restriction in food as referred to in Article 11.3 of EU Regulation 10/2011.

Note

For information purpose only

This note contains information relative to the presence of additives subject to a restriction according to Regulation (EU) 10/2011, as described in this statement.

Additive : 2-(2-Hydroxy-3'-tert-butyl-5'-methylphenyl)-5-chlorobenzotriazole

EC Ref. No : 60400

Max. conc.* : 800 ppm

Restriction : SML(T) = 30 mg/kg food - Lipophilic substance

Additive : 1-(2-Hydroxyethyl)-4-hydroxy-2,2,6,6-tetramethyl piperidine-succinic acid, dimethyl ester copolymer

EC Ref. No : 60800

Max. conc.* : 2400 ppm

Restriction : SML = 30 mg/kg food

Additive : Calcium Stearate

EC Ref. No : Salt of 89040

Max. conc.* : 2100 ppm

Restriction : Dual use additive

* This information is provided for general guidance purposes only and ExxonMobil Chemical provides no guarantees or warranties in respect of this information and has no responsibility or liability for any use by any third party of this information.

Note on Overall Migration Limit ("OML") and on Specific Migration Limits ("SML's"), where applicable

In all EU countries and Switzerland, finished plastics food-contact materials or articles, made from or containing this product, need to comply with Overall Migration Limit ("OML") requirements and Specific Migration Limits ("SML"), where applicable and when tested on the food-contact surface with the appropriate food simulants and time/temperature test conditions.

This is the responsibility of the user of this polymer product.

In addition to the above compositional compliance status certification, the polymer user is required to carry out the appropriate overall migration ("OML") and specific migration ("SML") tests on the final material or article to determine the regulatory suitability for contact with different food-types (aqueous, fat/oil, alcoholic, etc.) and various end-use conditions (material or article thickness, pure or in

blends, volume, contact time of packaging, temperature of use, etc.), all of which are beyond control of the polymer manufacturer.

GENERAL NOTE

The manufacturer of food-contact materials and articles - made from or containing this polymer grade - must ensure that the finished materials or articles meet the general regulatory requirements that they do not bring about an unacceptable change in the composition of the foodstuffs or a deterioration in the organoleptic characteristics thereof and do not release constituents in foodstuffs in quantities that can endanger human health.

In addition, the finished food-contact material or article must be technically suitable for the intended use.

VALIDITY DATE: This document is valid until the next relevant legislative and/or regulatory change with a maximum of one year as of the date of issue of the statement.

Reference Number: 0168087

STATEMENT

Issue Date: 04 MAR 2014
At request of: PRIME POLYMERS B.V.
Product Name(s): EXXONMOBIL HDPE HMA014
Material Code(s): 5072667

With regard to the compliance status of the ExxonMobil Chemical product referenced above with the regulation(s) identified below the following can be declared:

This product complies with FDA regulation 21 CFR 177.1520 (Olefin polymers), paragraphs (c)3.1a and (c)3.2a, and may be used as articles or components of articles intended for use in contact with food, including use in articles used for packing or holding food during cooking, with the following limitation:

Finished articles may only contact food types I, II, IV-B, VI-A, VI-B, VII-B, and VIII and only under Conditions of Use B through H, at temperatures not in excess of 212°F, as described in Tables 1 and 2, respectively, of 21 CFR 176.170(c).

This product is produced under conditions of good manufacturing practice as required by 21 CFR 174.5(a) and is of a purity suitable for its intended use in food contact applications as allowed by the regulatory citations identified above. The manufacturer of any food, direct or indirect food additive, or food contact substance or article containing this product has the responsibility to ensure compliance with applicable FDA regulations and to ensure that any finished food contact article is technically suitable for the intended use.

VALIDITY DATE: This document is valid until the next relevant legislative and/or regulatory change with a maximum of one year as of the date of issue of the statement.

Reference Number: 0168087



PRODUCT INFORMATION

Version: 14.001

Last update: 5-3-2014

Print date: 5-3-2014

This update supersedes all previous updates.

Product:	Color Masterbatch
Catalog number:	ME53868
Color:	Green

Application area

ME53868 masterbatch is suited for coloring of molded and extruded articles made of various types of PE and PP.

Carrier material

The carrier resin is LLDPE.
MFI = 20 g/10 min (ASTM D-1238; 190°C/2.16 kg)

Properties

Max. processing temperature:	280 °C
Light fastness (DIN 53387):	6
Dosage recommendation:	2 %

Regulatory Affairs

REACH: this product does not contain any substances on the candidate list of Substances of Very High Concern (Annex XIV, REACH legislation, EC 1907/2006).
Heavy metals: this product complies with EU Directive 2000/53/EC (and its amendments).
Packaging and packaging waste: this product complies with EU Directive 94/62/EC.
This product is manufactured in compliance with EC 2023/2006 (GMP principle).
RoHS: this product complies with Directive 2011/65/EU.
Food contact: this product complies with EU Regulation 1935/2004/EC and the relevant requirements of EU Regulation EU 10/2011 and its amendments (1282/2011; 1183/2012); the colorants in this product comply with EC Resolution AP (89) 1; this product does not contain substances that are subject to a SML (Annex I, EU 10/2011). This product contains Dual Use Additives: titanium dioxide (E171), calcium carbonate (E170) and calcium stearate (E470a).

Storage and shelf life

This product has an expected shelf life of at least 2 years if properly stored in cool and dry conditions out of direct sunlight.

Further remarks

Compliance of this product with various food contact regulations (if applicable) does not relieve the manufacturer of finished articles intended for food contact from the final responsibility to ensure compliance of these finished articles with food contact regulations.

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2014: Version 1

FOOD CONTACT DECLARATION

It is the responsibility of our customers to check if the materials supplied by SABIC and articles made out of it are suitable for the intended use and comply with all applicable regulations and requirements.

We confirm that **SABIC[®] HDPE M40060S 00900** has been formulated and manufactured in accordance with the compositional requirements of the following food contact recommendations or regulations:

Germany

Empfehlung III "Polyäthylen" of Kunststoffe im Lebensmittelverkehr: Empfehlungen des Bundesinstituts für Risikobewertung (BfR) (former BgVV).
Status: March 2011.

Bedarfsgegenständeverordnung in der Fassung der Bekanntmachung vom 23 December 1997, latest amendment October 11, 2010. (BGBl I S. 1393)

UK

Plastics for food applications: A code of practice for safety in use, issued by BPF/BIBRA. 1991 Edition.

Statutory Instruments 1998 No.1376, 2000 No.3162, 2002 No.2364, 2002 No.3008, 2005 No.325 and 2006 No.1401 and 2009 No.205
Status: March 2009.

Netherlands

Regeling Verpakkingen- en Gebruiksartikelen (Warenwet), supplement 38.
Chapter 1 – Kunststoffen.

Belgium

Arrêté royal du 3 juillet 2005 relatif aux matériaux et aux objets en matière plastique destinés à entrer en contact avec les denrées alimentaires, amended by Arrêté royal du 5 juillet 2006.

2014: Version 1

France

Brochure n°. 1227 du Journal Officiel de la République Française; Matériaux au contact des denrées alimentaires, produits de nettoyage de ces matériaux.
Edition July 2002.

Arrêté du 2 janvier 2003 relatif aux matériaux et objets en matière plastique mis ou destinés à être mis au contact des denrées, produits et boissons alimentaires (arrêtés modificatifs: arrêté du 29 mars 2005, arrêté du 9 août 2005, arrêté du 19 octobre 2006, arrêté du 25 avril 2008, arrêté du 19 novembre 2008 et arrêté du 3 Septembre 2010).

Spain

Real Decreto número 103/2009, de 6 de febrero, por el que se modifica el Real Decreto 866/2008, de 23 de mayo, por el que se aprueba la lista de sustancias permitidas para la fabricación de materiales y objetos plásticos destinados a entrar en contacto con los alimentos y se regulan determinadas condiciones de ensayo. (BOE número 41 de 17/02/2009.)

Italy

Decreto Ministeriale No 227 del 04.05.2006.

Regolamento recante aggiornamento del decreto ministeriale 21 marzo 1973, concernente la disciplina igienica degli imballaggi, recipienti, utensili destinati a venire in contatto con le sostanze alimentari e con sostanze d'uso personale, and subsequent amendments up to and including Decreto 23.04.2009, published in the Gazzetta Ufficiale – G.U. Serie Generale n. 144 del 24-6-2009-.

Norway

Forskrift om materialer og gjenstander i kontakt med næringsmidler.
Status: January 2003.

Finland

Kauppa- ja teollisuusministeriön asetus elintarvikkeen kanssa kosketukseen joutuvista muovisista tarvikkeista (953/2002) 12.11.2002.

Kauppa- ja teollisuusministeriön asetus 141/2005; 24.2.2005 elintarvikkeen kanssa kosketukseen joutuvista muovisista tarvikkeista.

Kauppa- ja teollisuusministeriön asetus 181/2005; 10.3.2005 elintarvikkeen kanssa kosketukseen joutuvista muovisista tarvikkeista.

Denmark

Fødevarestyrelsens Bekendtgørelse nr. 1068 af 18/11/2009 gældende om materialer og genstande bestemt til kontakt med fødevarer; Ministeriet for Fødevarer, Landbrug og Fisker.

2014: Version 1

Sweden

Statens livsmedelsverks kungörelse om ändring i kungörelsen (SLV FS 1993:18) med föreskrifter och allmänna råd om material och produkter avsedda att komma i kontakt med livsmedel.

Status: February 2004.

Austria

Kunststoff-Verordnung (KVO), über Gebrauchsgegenstände aus Kunststoff, die für die Verwendung bei Lebensmitteln und Nahrungsergänzungsmitteln bestimmt sind BGBl. II Nr. 476/2003 of 14/10/2003, zuletzt geändert durch die Verordnung BGBl II Nr. 196/2010 of 25.06.2010.

Switzerland

Verordnung des EDI SR 817.023.21 über Bedarfsgegenstände (Ordinance on materials and objects) of 23. November 2005, Anhang 1: Kunststoffe, die bestimmungsgemäss mit Lebensmitteln in Berührung kommen dürfen, und Anforderungen an diese Kunststoffe

Status: 1. May 2011.

EC

Commission Regulation (EU) No. 10/2011 of January 14, 2011, including its amendments (EU) No. 1282/2011 of November 28, 2011 and (EU) No. 1183/2012 of November 30, 2012.

This material contains no monomers which are regulated with a specific migration limit.

This material contains one or more additives which are regulated with a specific migration limit. The identity of this/these substance(s) can be disclosed for testing purposes upon special request and under maintaining secrecy.

This material contains one or more intentionally added dual use additives which are subject to disclosure of adequate information as described in Annex IV of Commission Regulation (EU) 10/2011.

The identity of this/these substance(s) can be disclosed for testing purposes upon special request and under maintaining secrecy.

This material has been manufactured in accordance with the relevant requirements of Commission Regulation EC No. 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food.

2014: Version 1

Migration estimates calculated with an EU recognized mathematic migration model or migration experiments with test samples made of SABIC[®] HDPE M40060S 00900 or a comparable grade and carried out under conditions covering long term storage above 6 months at room temperature and below, including heating up to 70 °C for up to 2 hours, or heating up to 100°C for up to 15 minutes in the standard food simulants A,B and D2, have shown that under these conditions migration limits (overall and if relevant specific, see above) were not exceeded:

- with non-fatty food (according to tests with water, 3% acetic acid and 10% ethanol as food simulants) and
- with all types of fatty food (according to Commission Regulation (EU) No 10/2011).

USA

Code of Federal Regulations, issued by Food and Drug Administration (FDA), paragraph 21 CFR 177.1520 (olefin polymers).

SABIC[®] HDPE M40060S 00900 may only be used under the following conditions of use (conditions B through H described in Subsection 176.170(c), Table 2,

- boiling water sterilized,
- hot filled or pasteurized above or below 150°F,
- room temperature filled and stored, refrigerated-stored or frozen-stored (with no thermal treatment in the container),
- frozen or refrigerated ready-prepared foods intended to be reheated in the container at the time of use
and only contacting the following types of foods:
- Nonacid, aqueous products; may contain salt or sugar or both (pH above 5.0).
- Acid, aqueous products; may contain salt or sugar or both, and including oil-in-water emulsions of low- or high fat content.
- Oil-in-water emulsions, high- or low-fat.
- Beverages nonalcoholic or containing up to 8 percent of alcohol.
- Bakery products except those containing free or no free fat or oil on the surface.

The adjuvants are cleared according to Part 178 (Indirect food additives) or are generally recognized as safe (GRAS), or are prior-sanctioned food additives.

Status: April 2013.

We wish to stress that the migration- and extraction- test results may differ significantly from the performance of the final plastic material or article under the actual and foreseeable conditions of use.

SABIC has no control over final product composition nor over processing conditions. It is therefore the responsibility of the converter or food packager that markets the final material or article to check compliance with the relevant regulations and to validate material performance in the end application through proper end use testing.

Most of the recommendations or regulations mentioned above refer to the final materials and articles that directly contact the food.

2014: Version 1

This declaration however, is restricted to SABIC[®] HDPE M40060S 00900 as it leaves the production facilities.

This declaration does not cover

- any substance subsequently added by the converter,
- poor material or end product due to inexpert manufacture by the converter,
- any negative influence of the finished article on the organoleptic properties of the packaged food.

As the above-mentioned Regulations develop continuously, our declarations will be adapted accordingly. Therefore we advise the receivers to ask for a new declaration periodically.

This declaration replaces all previous ones relating to this subject.

In the name of SABIC Petrochemicals BV,

A handwritten signature in black ink, appearing to be 'M. Bosma', written over a horizontal line.

M.Bosma
Corporate Product Stewardship

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