Based on Article 17, Paragraph 2 and Article 72 of the Law on Food ("Official Gazette BiH", No. 50/04) and Article 17 of the Law on Council of Ministers of Bosnia and Herzegovina ("Official Gazette BiH", No. 30/03, 42/03, 81/06, 76/07, 81/07, 94/07 and 24/08), the Council of Ministers of Bosnia and Herzegovina, at the proposal of the Agency for food safety of Bosnia and Herzegovina, in cooperation with competent bodies of the entities and the Brcko District of Bosnia and Herzegovina, on the 106th session held on June 22, 2017, passed the

REGULATION

ON PLASTIC MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOOD

FIRST PART – GENERAL PROVISIONS

Article 1
(Subject)

(1) The Regulation on Plastic Materials and Articles Intended to Come into Contact with Food (hereinafter: the Regulation) stipulates usage and conditions for placing on the market materials and articles intended to come into direct or indirect contact with food, with an aim to provide high levels of health protection and interests of consumers.
(2) The Regulation defines special requirements for production and placing on the market plastic materials and articles:
   (a) Intended to come into contact with food or
   (b) Which are already in contact with food or
   (c) Which can be reasonably assumed to come into contact with food

Article 2
(Definitions)

In the sense of this Regulation, the following definitions will apply:

(1) **Plastic materials and articles** are:
   a) Materials and articles from Article 3, Items a), b) and c) of this Regulation and
   b) Plastic layers from Article 3, Items d) and e) of this Regulation;
(2) **Plastic** is a polymer that can be added additives or other substances, and that can function as a major structural component of final materials and articles;
(3) **Polymer** is every macromolecular substance that is obtained by:
a) The process of polymerization like polyaddition or polycondensation, or by some other similar procedure from monomer and other incoming raw materials, or
b) The chemical modification of natural or synthetic macromolecules, or
c) Microbial (bacterial) fermentation;

(4) **Multi-layer plastic** is a material or article composed of two or more layers of plastic;
(5) **Multi-layer plastic made of several different materials** is a material or article composed of two or more layers of different materials, of which at least one is a plastic layer;
(6) **Monomer or another incoming raw material** is:
   a) A substance undergone a procedure of any kind of polymerization for production of polymers, or
   b) Natural of synthetic macromolecular substance used in production of modified macromolecules, or
   c) A substance used for modification of existing natural or synthetic macromolecules;
(7) **Additive** is a substance added on purpose to plastic mass to achieve certain physical or chemical effects during the production of plastic or in the final material or article, it was foreseen that it be present in the final product or article;
(8) **Substance improver in the production of polymers** is any substance used to ensure a suitable medium for production of polymers or plastic, can be present, but not foreseen to be present in the final material or article, and it does not have a physical or chemical effect in the final material or article;
(9) **Unintentionally added substance** is impurity in a used substance or an inter-product created by reaction during production process or a decomposition product or a reaction product;
(10) **Substance improver in polymerization** is a substance which initiates polymerization and/or controls formation of macromolecular structure;
(11) **Overall migration limit** (OML) is the highest allowed quantity of non-volatile substances released from material or article in a model solution;
(12) **Model solution** is a test medium which replaces food, and by its reaction a model solution imitates migration from materials which come into contact with food;
(13) **Specific migration limit** (SML) is the highest allowed quantity of certain substance released from material or article in food or a model solution;
(14) **Specific migration limit in total** (SML(T)) is the highest allowed sum of individual substances released in food or model solution expressed as total quantity of named groups or substance;
(15) **Functional barrier** is a barrier consisting of one or several layers of any kind of material which ensures that the final material or article meets Article 5 of the Regulation on materials and articles intended to come into contact with food ("Official Gazette BiH", No. 42/10) with respect to meeting general requirements;
(16) **Law-fat food** is food for which, to test migration, in Table 2. of the Annex V. of this Regulation only model solutions others than D1 or D2 were determined;
(17) **Limitation** is limitation with respect to using substances or limit values of migration or limit values of substance content in the material or article;
(18) **Specification** means composition of substance, requirements with respect to purity for certain substance, physical-chemical characteristics of substance, details about substance production process or additional information about expressing limit values of migration.

Article 3
(Application of provisions)

The Regulation applies to materials and articles which are placed on the market of Bosnia and Herzegovina and which are encompassed by the following categories:

a) Materials and articles and their parts composed of exclusively plastic masses;
b) Plastic multi-layer materials and articles which are attached by glues or in some other way;
c) Materials and articles from Item a) and b) of this article that are printed and/or covered by coating;
d) Plastic layers or plastic coatings that are used as sealant in covers and shutters and together with those covers and shutters form a set of two or several layers of different kinds of materials;
e) Plastic layers in multi-layer materials and articles from several different materials.

Article 4
(Exceptions from the Application)

The Regulation does not apply to following materials and articles that are placed on the market of Bosnia and Herzegovina:

a) Ion exchange resins
b) Rubber
c) Silicones.

SECOND PART – SPECIFIC PROVISIONS

Article 5
(Placing plastic materials and articles on the market)

Plastic materials and articles can be placed on the market only if:

a) They meet the appropriate requirements which are in accordance with bona fide production practice so that, under common and predictable conditions of usage, their components do not go into food in the quantities which could:
   1) Endanger people's health or
   2) Cause unacceptable changes in composition of food, or in accordance with Article 5, Paragraph (1) Item b) of the Regulation on Materials and Articles Intended to Come into Contact with Food ("Official Gazette BiH", No. 42/10),
   3) Cause deterioration of organoleptic properties of food in accordance with Article 5 Paragraph (1) Item (b) of the Regulation on Materials and Articles Intended to Come into Contact with Food;
b) They meet requirements for labeling, whereby labeling, advertising and presentation of a material or article must not mislead the consumer in accordance with Article 5 Paragraph (2) of the Regulation on Materials and Articles Intended to Come into Contact with Food;

c) They meet the traceability requirements, which must be ensured in all phases to facilitate control, withdrawal of defect products, informing the consumers and determining responsibility, in accordance with Article 11 Paragraph (1) of the Regulation on Materials and Articles Intended to Come into Contact with Food;
d) They are produced in accordance with a specific regulation on bona fide production practice;
e) They are in accordance with requirements about composition and declaration of conformity from Annex II., III. and IV. of this Regulation.

Article 6
(List of approved substances)

Only substances entered in the List of approved substances (hereinafter: the List) from Annex I. of this Regulation can be intentionally used in production of plastic layers in plastic materials and articles, and the List contains:

a) Monomers or other incoming raw materials;
b) Additives, except for dyers;
c) Improvers of substances in production of polymers, except for solvents;
d) Macromolecules obtained by bacterial fermentation.

Article 7
(Exceptions for substances not entered in the List)

(1) Deviating from Article 6 of this Regulation, other substances, besides those entered in the List, can be used as improvers of substances in production of polymers in production of plastic layers in plastic materials and articles in accordance with valid regulation which governs this sphere.
(2) Deviating from Article 6 of this Regulation, dyers and solvents can be used in production of plastic layers in plastic materials and articles which are stipulated according to a specific regulation.
(3) The following substances that are not entered in the List are approved according to rules from Article 9, 10, 11, 12 and 13 of this Regulation:
    a) Salts (including double salts and acidic salts) of aluminum, ammonium, barium, calcium, cobalt, copper, iron, lithium, magnesium, manganese, potassium, sodium and zinc of approved acids, phenols or alcohols;
    b) Mixtures obtained by mixing approved substances without chemical reaction of ingredients;
    c) When used as additives, natural or synthetic polymeric substances of molecular mass of at least 1000 Da, except for macromolecules obtained from bacterial fermentation, which meet the requirements of this Regulation if they can function as major structural ingredients of final materials or articles;
    d) When used as monomers or incoming raw materials, pre-polymers or natural or synthetic macromolecular substances, as well as their mixtures, except for macromolecules obtained from bacterial fermentation, if monomers or incoming raw materials required for their synthesis are entered in the List.

(4) The following substances not entered in the List can be present in plastic layers of plastic materials or articles:
   a) Unintentionally added substances,
   b) Substance improvers in polymerization.
(5) Deviating from Article 6 of this Regulation, additives not entered in the List can be still used as defined by a special regulation on food additives until passing of a decision whether they will be entered in the List, provided they are entered in the temporary list which is assessed by European Food Safety Authority (EFSA).

Article 8
(General requirements for substances)

Substances used in production of plastic layers in plastic materials and articles must be of a technical quality and purity suitable for intended and predictable usage of materials or articles. Producer of substances must know the composition of substances, which if requested must be displayed to competent bodies.

Article 9
(Special requirements for substances)

The following restrictions and specifications will apply to substances used in production of plastic layers and plastic materials and articles:

(a) Specific migration limit from Article 11 of this Regulation;
(b) Overall migration limit from Article 12 of this Regulation;
(c) Restrictions and specifications from Annex I., Item 1, Table 1., Column 10 o this Regulation;
(d) Detailed specifications from Annex I., Item 4.2. of this Regulation.

Substances in nano form can be used only if explicitly approved and listed in specifications from Annex I. added to this Regulation.

Article 10
(General restrictions for plastic materials and articles)

General restrictions for plastic materials and articles are defined in Annex II. of this Regulation.

Article 11
(Specific migration limits)

(1) Ingredients of plastic materials and articles must not go into food in quantities larger than specific migration limit (SML) from Annex I. of this Regulation. Those specific migration limits (SML) are expressed in mg of substance per kg food (mg/kg).
(2) For substances for which in Annex I. of this Regulation specific migration limits were not defined or other restrictions apply, general limit of specific migration of 60 mg/kg will apply.

(3) Deviating from Paragraph (1) and (2) of this Article, additives which are also approved as food additives and defined by Regulation on usage of food additives, except for colours and sweeteners in food ("Official Gazette BiH", No. 83/08), or as aromas defined by Regulation on usage of aromas in food ("Official Gazette BiH", No. 78/14) must not migrate into food in quantities which in finished food have technical effect and they must not:
   a) Exceed limitations foreseen by valid regulation on usage of food additives, except for colours and sweeteners in food, and existing regulation on usage of aromas in food or in Annex I. of this Regulation for food for which their usage has been approved as food additives or aromatic substances; or
   b) Exceed restrictions from Annex I. of this Regulation in food for which their usage has not been approved as food additive or aromatic substance.

Article 12
(Overall migration limit)

(1) Ingredients of plastic materials and articles must not go into model solutions in quantities larger than 10 milligrams of total released ingredients per dm2 of size which comes into contact with food (mg/dm2).
(2) Deviating from Paragraph (1) of this Article, ingredients of plastic materials and articles intended to come into contact with food intended for infants and small children, as defined by Regulation on formulas for infants and formulas after breastfeeding ("Official Gazette BiH", No. 105/12 and 04/15) and Regulation on processed food based on cereals and baby food for infants and small children ("Official Gazette BiH", No. 86/13) must not go into model solutions in quantities larger than 60 mg of total released ingredients per kg of model solution.

Article 13
(Plastic multi-layer materials and articles)

(1) Composition of each individual plastic layer in plastic multi-layer material or article must be in accordance with this Regulation.
(2) Deviating from Paragraph (1) of this Article, a plastic layer which is not in direct contact with food and which is detached from food by functional barrier:
   a) Does not have to abide by restrictions and specifications from this Regulation, except for vinyl-chloride monomers, as foreseen in Annex I. of this Regulation and/or
   b) Can be produced with substances not listed or on temporary lists.
(3) Migration of substances from Paragraph (2) Item b) of this Article into food or in a model solution must not be demonstrable as measured by standard assurance by analytical method from Article 11 of the Regulation on official controls carried out for verification of compliance with provisions of regulations on food and animal food as well as regulations on health and wellbeing of animals ("Official Gazette BiH", No. 05/13), with a detection limit of 0,01 mg/kg. That limit is always expressed as concentration in food or in a model solution. That limit is applied to a group of compounds if they are structurally and toxicologically related, and especially to isomers or

compounds with identical appropriate functional group, and also includes a possible undesirable migration.

(4) Substances that are not listed or on a temporary list from Paragraph (2) Item b) of this Article, must not belong to any of the following categories:
   a) Substances classified as proven or suspected “mutagenic”, “carcinogenic” or “toxic for reproduction” in accordance with special regulations relating to classification, packaging and labeling of dangerous substances;
   b) Substances in nano form.

(5) Final plastic multi-layer material or article must be in accordance with specific migration limits from Article 11 and overall migration limits from Article 12 of this Regulation.

Article 14
(Multi-layer materials and articles from several different materials)

(1) In a multi-layer material or article from several different materials, composition of each plastic layer must be in accordance with this Regulation.

(2) Deviating from Paragraph (1) of this Article, in a multi-layer material or article from several different materials, the plastic layer that is not in a direct contact with food or that is detached from food by a functional barrier can be produced with substances that are not listed or on a temporary list.

(3) Substances that are not listed or on a temporary list from Paragraph (2) of this Article must not belong to any of the following categories:
   a) Substances classified as “mutagenic”, “carcinogenic” or “toxic for reproduction” in accordance with special regulations relating to classification, packaging and labeling of dangerous substances;
   b) Substances in nano form.

(4) Deviating from Paragraph (1) of this Article, Article 13 and 14 of this Regulation do not apply to plastic layers in multi-layer materials and articles from several different materials.

(5) Plastic layers in multi-layer materials and articles from several different materials must always abide by restrictions for vinyl-chloride monomer defined in Annex I. of this Regulation.

Article 15
(Declaration of conformity)

(1) In all phases of sale, except for retail, a written declaration of conformity in accordance with Article 10 of the Regulation on materials and articles intended for contact with food will be available for plastic materials and articles, intermediate products of their production, as well as for substances intended for production of those materials and articles.

(2) The written declaration from Paragraph (1) of this Article, which contains information established in Annex IV. of this Regulation, will be issued by producer or importer registered in Bosnia and Herzegovina.

(3) The written declaration enables easy identification of materials, articles or products from inter-phases of production or substances for which it has been issued. It is renewed in case of significant

changes in composition or production which cause changes in migration from materials or articles or when new scientific discoveries are available.

(4) At the request of competent bodies, producer or importer registered in Bosnia and Herzegovina has the duty to display the appropriate documentation which proves that materials and articles, products from inter-phases of their production, as well as substances intended for production of those materials and articles are in accordance with requirements of this Regulation.

(5) Documentation from Paragraph (4) of this Article must contain conditions and results of tests, calculations, including calculating models, other analyses and evidence of safety or explanation that proves compliance. Annex V. of this Regulation contains the rules for proving compliance.

Article 16
(Supporting documents)

(1) At the request, a business entity submits to the competent bodies the appropriate documentation proving that materials and articles, products from their inter-phases of production, as well as substances intended for production of those materials and articles, are in conformity with requirements of this Regulation.

(2) The documentation encompasses conditions and results of tests, calculations, including calculation models, other analyses and evidence of safety or explanation which proves conformity. Chapter V. names the rules for proving conformity.

Article 17
(Expression of the migration test results)

(1) In order to verify compliance, specific migration values are expressed in mg/kg using the ratio of the actual surface area to the volume in actual or foreseeable use.

(2) Deviating from Paragraph (1) of this Article for:
   a) Containers and other articles containing or foreseen to contain no more than 500 milliliters or grams or more than 10 litres;
   b) Materials and articles which, because of their shape, are difficult to estimate the ratio between surface of such materials or articles and quantity of food in contact with them;
   c) Plastic sheets and foil which are not yet in contact with food;
   d) Plastic sheet and foil which contain no more than 500 milliliters or grams or more than 10 liters, migration value is expressed in mg/kg with application of the ratio of the surface area to the volume of 6 dm2 per kg food. This Paragraph will not apply to plastic materials intended to come into contact or which are already in contact with food for infants and small children, as defined by the Regulation on formulas for infants, formulas after breastfeeding, processed food based on cereals and food for babies, infants and small children.

(3) Deviating from Paragraph (1) of this Article, for covers, shutters, stopples and similar articles for closing, the value of specific migration is expressed in:
   a) mg/kg with application of actual content of the container for which the cover is foreseen or in mg/dm2 with application of total surface in contact of the article which closes and the container to be closed, if the foreseen usage of the article is known, taking into consideration the provisions of Paragraph (2) of this Article;
   b) mg/article if the foreseen usage of the article is not known.

(4) For covers, shutters, stopples and similar articles for closing, the value of overall migration is expressed in:

a) mg/dm2 with application of total surface in contact of the article which is used for closing and the container which is closed if the foreseen usage of the article is known.
b) mg/article if the foreseen usage of the article is not known.

Article 18
(Certificate of conformity)

(1) For materials and articles which are already in contact with food, verification of conformity with limits of specific migration is conducted in accordance with rules from Annex V. Chapter 1 of this Regulation.
(2) For materials and articles which are not yet in contact with food, verification of conformity with limits of specific migration is conducted in food or model solutions from Annex III. of this Regulation in accordance with rules from Annex V. of Chapter 2. Section 2.1 of this Regulation.
(3) For materials and articles which are not yet in contact with food, the method of verification of conformity with specific migration limits can be conducted by application of the verification procedure in accordance with rules from Annex V. Chapter 2. Section 2.2. of this Regulation. If the material or article in verification procedure does not satisfy the limiting values of migration, the decision of incompatibility must be confirmed by checking conformity in accordance with Paragraph (2) of this Article.
(4) For materials and articles which are not yet in contact with food, verification of conformity with overall migration limits will be conducted in model solutions A, B, C, D1 and D2 from Annex III. of this Regulation in accordance with rules from Annex V. Chapter 3. Section 3.1. of this Regulation.
(5) For materials and articles that are not yet in contact with food, the method of verification of conformity with the limit of overall migration can be carried out by application of verification procedure, and in accordance with rules from Annex V. Chapter 3. Section 3.4 of this Regulation. If a material or article in the verification procedure does not satisfy the migration limit, the decision on incompatibility must be confirmed by verification of conformity in accordance with Paragraph (4) of this Article.
(6) Testing results of specific migration obtained in food have advantage over the results obtained in a model solution. The results of verification of specific migration obtained in a model solution have advantage over results obtained by procedures of verification method.
(7) Prior to comparing the testing results of specific and overall migrations with limiting values, correcting factors are applied from Annex V. Chapter 4 of this Regulation in accordance with the stated rules.

THIRD PART – TRANSITIONAL AND FINAL PROVISIONS

Article 19
(Annexes)

Annexes I., II., III., IV. and V. are integral part of this Regulation.

Article 20
(Termination of provisions)

By getting into force of this Regulation, the provisions of the Regulation on plastic materials and articles intended to come into contact with food (“Official Gazette BiH”, No. 42/10 and 82/11) will cease to apply.

Article 21
(Transitional period of regulation application)

The transitional period of application for this Regulation is 24 months from the day of its getting into force.

Article 22
(Getting into force)

This Regulation will get into force on the eighth days upon its publication in the "Official Gazette BiH".

No. 199/2017
June 22, 2017
Sarajevo

Chairman
of the Council of Ministers BiH
Dr. Denis Zvizdic

ANNEX I.

Substances

The list of approved monomers, other incoming raw materials, macromolecules obtained by bacterial fermentation, additives and substance improvers in production of polymers.
Table 1 contains the following information:
Column 1. (Substance number FCM): unique identification number of the substance;
Column 2. (Ref. No.): reference number of packaging material
Column 3. (CAS No.): registration number according to CAS (Chemical Abstracts Service – Service for documentation of chemical products);
Column 4.(Substance name): chemical name
Column 5. (Application as an additive or substance improver in polymer production (PPA) (yes/no): remark whether the substance is approved for application as an additive or substance improver in production of polymers (yes) or if the substance is not approved for application as an additive or substance improver in production of polymers (no). If the substance is approved only as PPA, it is remarked as (yes) and in specifications usage is limited to PPA;
Column 6. (Usage as a monomer or other incoming raw material or macromolecule obtained by bacterial fermentation (yes/no): remark whether the substance is approved for application as monomer or another raw material or macromolecule obtained by bacterial fermentation (yes) or if the substance is not approved for application as monomer or other incoming raw material or macromolecule obtained by bacterial fermentation (no). If the substance is approved as a macromolecule obtained by bacterial fermentation, it is remarked (yes) and in the specification it is remarked that the substance is a macromolecule obtained by bacterial fermentation;
Column 7. (FRF is applied (yes/no)): remark whether the migration results for a substance can be corrected by the factor of reduction of fat consummation (FRF) (yes) or they must not be corrected by FRF (no);
Column 8. (SML (mg/kg)): limiting value of specific migration is applied for a substance. It is expressed in mg substance per kg of food. It is remarked ND if the substance does not migrate in quantities that can be proved;
Column 9. (SML(T)) (mg/kg) (number of group restrictions)): contains the identification number of a group of substances for which a group restriction applies in this Annex Table 2. Column 1;

Column 10. (Restrictions and specifications): contains other restrictions, except specifically stated limiting values of migration, and contains specifications related to substances. If detailed specifications are determined, reference is given to Table 4.;
Column 11. (Remarks on conformity verification): contains the number of remark which refers to detailed rules applied for verification of conformity for the given substance included in this Annex Table 3. Column 1. If the substance included in the list as a single compound is also covered by a generic name, restrictions applied for that substance are those that are designated for the individual compound. If the limit of specific migration cannot be proven (ND – non-detectable), in column 8. will apply the detection limit of 0,01 mg of substance per kg food, it not otherwise remarked for the given substance.

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
FCM Substance No.	Ref. No.	CAS No.	Substance name	Application as additive or substance improver in polymer production (yes/no)	Application as monomer or another incoming raw material or macromolecule obtained by bacterial fermentation (yes/no)	FRF applies (yes/no)	SML mg/kg	SML(T(mg/kg (No. of Group Restriction)	Restrictions and specifications	Remarks on verification of conformity
1	12310	026630 9-43-7	albumin	no	yes	no				
2	12340	-	albumin, coagulated with formaldehyde	no	yes	no				
3	12375	-	alcohols, aliphatic, monohydroxy, saturated, linear, primary (C4-C22)	no	yes	no				
4	22332	-	mixture (40% v / v) 2,2,4-trimethylhexane-1,6-diisocyanate and (60% v / v) 2,4,4-trimethylhexane-1,6-diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanine group	(10)
5	25360	-	trialkyl (C5-C15) acetic acid, 2,3-epoxypropyl ester	no	yes	no	ND		1 mg/kg in final product expressed as epoxide group. Molecular mass is 43 Da.	
6	25380	-	trialkyl acetic acid (C7-C17), vinyl esters (= vinyl versatate)	no	yes	no	0,05			(1)
7	30370	-	acetyl acetic acid, salts	yes	no	no				
8	30401	-	acetylated fatty acid mono- and diglycerides	yes	no	no		(32)		
9	30610	-	acids, C2-C24, aliphatic, linear, monocarboxylics of natural oils and fats, and their mono-, di- and triglycerol esters (including branched fatty acids at normal level of occurrence)	yes	no	no				
10	30612	-	acids, C2-C24, aliphatic, linear, monocarboxylic, synthetic and their mono-, di- and triglycerol esters	yes	no	no				
11	30960	-	acids, aliphatic, monocarboxylic (C6-C22), polyglycerol esters	yes	no	no				
12	31328	-	acid, fatty, of animal or vegetable edible fats and oils	yes	no	no				
13	33120	-	alcohols, aliphatic, mono, saturated, linear, primary (C4C24)	yes	no	no				
14	33801	-	n-alkyl (C10-C13) benzenesulfonic acid	yes	no	no	30			
15	34130	-	alkyl, linear dimethylamines having a number of carbon atoms (C12-C20)	yes	no	yes	30			
16	34230	-	alkyl (C8-C22) sulfonic acid	yes	no	no	6			
17	34281	-	alkyl (C8-C22) sulfuric acid, linear, primary with a number of carbon atoms	yes	no	no				
18	34475	-	aluminum calcium hydroxide phosphite, hydrate	yes	ne	ne				

19	39090	-	N, N-bis (2-hydroxyethyl) alkyl (C8-C18) amine	yes	no	no		(7)		
20	39120	-	N, N-bis (2-hydroxyethyl) alkyl (C8-C18) amine hydrochloride	yes	no	no		(7)	SML(T) e expressed without HCl.	
21	42500	-	carbonic acid, salts	yes	no	no				
22	43200	-	castor oil, mono and diglycerides	yes	no	no				
23	43515	-	chlorides choline fatty acid ester of coconut oil	yes	no	no	0,9			(1)
24	45280	-	Cotton fibres	yes	no	no				
25	45440	-	styrenated, butylated, cresols	yes	no	no	12			
26	46700	-	5,7-di-tert-butyl-3- (3,4- and 2,3-dimethylphenyl) -3H-benzofuran-2- one comprising: a) 5,7-di- tert-butyl - 3- (3,4-dimethylbenzene-2-one (80 to 100% v / v) and b) 5,7-di-tert-butyl 3- (2,3-dimethylphenyl) -3H- benzofuran- 2- one (0 to 20% v / v)	yes	no	no	5			
27	48960	-	9,10-dihydroxy stearic acid and its oligomers	yes	no	no	5			
28	50160	-	di-n-octyltin bis (n-alkyl (C10-C16) mercaptoacetate)	yes	no	no		(10)		
29	50360	-	di-n-octyltin bis (n-alkyl (C10-C16) mercaptoacetate)	yes	no	no		(10)		
30	50560	-	di-n-octyltin 1,4-butanediol bis (mercaptoacetate)	yes	no	no		(10)		
31	50800	-	di-n-octyltin dimaleate, esterified	yes	no	no		(10)		
32	50880	-	di-n-octyltin dimaleate, polymers (N = 2-4)	yes	no	no		(10)		
33	51120	-	di-n-octyltin thiobenzoate 2-ethylhexyl mercaptoacetate	yes	no	no		(10)		
34	54270	-	ethyl hydroxymethyl cellulose	yes	no	no				
35	54280	-	ethyl hydroxypropyl cellulose	yes	no	no				
36	54450	-	fats and oils, from food of animal and plant origin	yes	no	no				
37	54480	-	fats and oils, hydrogenated, from animal and plant food	yes	no	no				
38	55520	-	glass fibres	yes	no	no				
39	55600	-	glass micro-balls	yes	no	no				
40	56360	-	glycerol, esters with acetic acid	yes	no	no				
41	56486	-	glycerol, esters with acids, aliphatic, saturated, linear, with an even number of carbon atoms (C14-C18) and with acids, aliphatic, unsaturated, linear, with an even number of carbon atoms (C16-C18)	yes	no	no				
42	56487	-	glycerol, butyric acid esters	yes	no	no				
43	56490		glycerol, esters with erucic acid	yes	no	no				
44	56495		glycerol, esters with 12-hydroxistearic acid	yes	no	no				
45	56500		glycerol, esters with lauric acid	yes	no	no				
46	56510		glycerol, esters with linoleic acid	yes	no	no				
47	56520		glycerol, esters with myristic acid	yes	no	no				
48	56535		glycerol, esters with nonanoic acid	yes	no	no				
49	56540		glycerol, esters with oleic acid	yes	no	no				
50	56550		glycerol, esters with palmitic acid	yes	no	no				

51	56570		glycerol, esters with propionic acid	yes	no	no				
52	56580		glycerol, esters with ricinoleic acid	yes	no	no				
53	56585		glycerol, esters with stearic acid	yes	no	no				
54	57040		glycerol monooleate, ester with ascorbic acid	yes	no	no				
55	57120		glycerol monooleate, ester with citric acid	yes	no	no				
56	57200		glycerol monopalmitate, ester with ascorbic acid	yes	no	no				
57	57280		glycerol monopalmitate, ester with citric acid	yes	no	no				
58	57600		glycerol monostearate, ester with ascorbic acid	yes	no	no				
59	57680		glycerol monostearate, ester with citric acid	yes	no	no				
60	58300		glycine, salt	yes	no	no				
62	64500		lysine, salt	yes	no	no				
63	65440		manganese pyrophosphite	yes	no	no				
64	66695		methyl hydroxymethyl cellulose	yes	no	no				
65	67155		a mixture of 4- (2-benzoxazolyl) -4 '- (5-methyl-2-benzoxazolyl) stilbene, 4,4'-bis (2benzoxazolyl) stilbene and 4,4'bis (5-methyl-2-benzoxazolyl) stilbene	yes	no	no			At the most 0,05% (m/m) (quantity of used substance/quantity in formulation). The mixture obtained in production process in typical ratio of (58-62%) : (23-27%): (13-17%).	
66	67600		mono-n-octyltin tris(alkyl (C10-C16) mercaptoacetate	yes	no	no		(11)		
67	67840		montanic acid and / or its esters with ethylene glycol and / or 1,3-butanediol and / or glycerol	yes	no	no				
68	73160		phosphoric acid, mono- and di-n-alkyl (C16 and C18) esters	yes	no	yes	0,05			
69	74400		phosphoric acid, tris (nonyl and / or di-nonylphenyl) ester	yes	no	yes	30			
70	76463		polyacrylic acid, salts	yes	no	no		(22)		
71	76730		polydimethylsil-oxane, γ-hydropropylated	yes	no	no	6			
72	76815		polyester of adipic acid with glycerol or pentaerythritol esters with an even number of straight chain (C12 and C22) fatty acids	yes	no	no		(32)	Fraction with molecular mass under 1 000 Da must not exceed 5% (m/m).	
73	76866		polyesters of 1,2-propandiol and / or 1,3- and / or 1,4-butanediol and / or polypropylene glycol with adipic acid, which may be end-capped with acetic acid or fatty acids C 12 -C 18 or n-octanol and / or n-decanol	yes	no	yes		(31) (32)		
74	77440		polyethyleneglycol diricinoleate	yes	no	yes	42			
75	77702		polyethylene glycol esters of aliphatic monocarboxylic acids (C6-C22) and their ammonium and sodium sulfates	yes	no	no				
76	77732		polyethylene glycol (EO = 1-30, typically 5) ether of butyl 2-cyano 3- (4-hydroxy-3-methoxyphenyl) acrylate	yes	no	no	0,05		Only for usage in PET	

77	77733		polyethylene glycol (EO = 1-30, typically 5) ether of butyl 2-cyano-3- (4-hydroxy-3-methoxyphenyl) acrylate	yes	no	no	0,05		Only for usage in PET	
78	77897		polyethylene glycol (EO = 1-50) mono alkyl nieter (linear and branched, C8-C20) sulphate, salts	yes	no	no	5			
79	80640		polyoxyalkyl (C2-C4) dimethylpolysiloxane	yes	no	no				
80	81760		powders, flakes and fibers of brass, bronze, copper, stainless steel, tin, iron and alloys of copper, tin and iron	yes	no	no				
81	83320		propylhydroxyethyl cellulose	yes	no	no				
82	83325		propylhydroxymethyl cellulose	yes	no	no				
83	83330		propylhydroxypropyl cellulose	yes	no	no				
84	85601		silicate, natural (with the exception of asbestos)	yes	no	no				
85	85610		silicate, natural, silanated (with the exception of asbestos)	yes	no	no				
86	86000		silicic acid, silylated	yes	no	no				
87	86285		silicon dioxide, silanized	yes	no	no				
88	86880		sodium monoalkyl dialkylphenoxybenzen disulphonate	yes	no	No	9			
89	89440		stearic acid, esters with ethylene glycol	yes	no	no		(2)		
90	92195		taurine, salt	yes	no	no				
91	92320		tetradecyl-polyethylene glycol (EO = 3-8) glycolic acid ether	yes	no	yes	15			
92	93970		tricycladecandimethanol bis (hexahydrophthalate)	yes	no	no	0,05			
93	95858		waxes, paraffinic, refined, obtained from crude or synthetic hydrocarbon raw materials, low viscosity	yes	no	no	0,05		It must not be used for articles in contact with fatty foods for which model D solution was determined. The average molecular weight is not less than 350 Da. Viscosity at 100 ° C not less than 2.5 cSt (2.5 × 10-6 m2 / s). The content of hydrocarbons having a number of carbon atoms of less than 25, not more than 40% (m / m).	
94	95859		waxes, refined, obtained from petroleum-based or synthetic hydrocarbon bases, of high viscosity	yes	no	no			The average molecular weight is not less than 500 Da. Viscosity at 100 ° C not less than 11 cSt (11 × 10-6 m2 / s). The content of mineral hydrocarbons having a carbon number of less than 25, not more than 5% (m / m).	

95	95883		white mineral oils, paraffinic, from petroleum hydrocarbons	yes	no	no			The average molecular weight is not less than 480 Da. Viscosity at 100 ° C not less than 8.5 cSt (8.5 × 10-6 m2 / s). The content of mineral hydrocarbons having a carbon number of less than 25, not more than 5% (m / m).	
96	95920		wood flour and fiber, unprocessed	yes	no	no				
97	72081/10		petroleum hydrocarbon resins (hydrogenated)	yes	no	no			Hydrogenated petroleum hydrocarbon resins are produced by catalytic or thermal polymerization of dienes and olefins from aliphatic, alicyclic and / or monobenzenoid arylalkene types from distillates of crude petroleum feedstock with a boiling point not exceeding 220 ° C as well as pure monomers obtained from these distillation currents which follow from distillation, hydrogenation and additional processing operations. Properties: - Viscosity at 120 ° C:> 3 Pa.s, - Melting point:> 95 ° C determined by method ASTM E 28-67, - Bromine number: <40 (ASTM D1159), - 50% color solution in toluene <11 per Gardner scale, - remnant aromatic monomer ≤ 50 ppm.	
98	17260 54880	000005 0-00-0	formaldehyde	yes	yes	no		(15)		
99	19460 62960	000005 0-21-5	lactic acid	yes	no	no				
100	24490 88320	000005 0-70-4	sorbitol	ye	yes	no				

101	36000	000005 0-81-7	ascorbic acid	yes	no	no				
102	17530	000005 0-99-7	glucose	no	yes	no				
103	18100 55920	000005 6-81-5	glycerol	yes	yes	no				
104	58960	000005 7-09-0	hexadecyltrimethylammonium bromide	yes	no	no	6			
105	22780 70400	000005 7-10-3	palmitic acid	yes	yes	no				
106	24550 89040	000005 7-11-4	stearic acid	yes	yes	no				
107	25960	000005 7-13-6	urea	no	yes	no				
108	24880	000005 7-50-1	saccharose	no	yes	no				
109	23740 81840	000005 7-55-6	1,2 - propanediol	yes	yes	no				
110	93520	000005 9-02-9 001019 1-41-0	α-tocopherol	yes	no	no				
111	53600	000006 0-00-4	ethylenediaminotetraacetic acid	yes	no	no				
112	64015	000006 0-33-3	linoleic acid	yes	no	no				
113	16780 52800	000006 4-17-5	ethanol	yes	yes	no				
114	55040	000006 4-18-6	formic acid	yes	no	no				
115	10090 30000	000006 4-19-7	acetic acid	yes	yes	no				
116	13090 37600	000006 5-85-0	benzoic acid	yes	yes	no				
117	21550	000006 7-56-1	methanol	no	yes	no				
118	23830 81882	000006 7-63-0	2-propanol	yes	yes	No				
119	30295	000006 7-64-1	acetone	yes	no	no				
120	49540	000006 7-68-5	dimethyl sulfoxide	yes	no	no				
121	24270 84640	000006 9-72-7	salicylic acid	yes	yes	no				
122	23800	000007 1-23-8	1-propanol	no	yes	no				
123	13840	000007 1-36-3	1-butanol	no	yes	no				
124	22870	000007 1-41-0	1-pentanol	no	yes	no				
125	16950	000007 4-85-1	ethylene	no	yes	no				
126	10210	000007 4-86-2	acetylene	no	yes	no				
127	26050	000007 5-01-4	vinyl chloride	no	yes	no	ND		1 mg/kg in the final product.	
128	10060	000007 5-07-0	acetaldehyde	no	yes	no		(1)		
129	17020	000007 5-21-8	ethylene oxide	no	yes	no	ND		1 mg/kg in the final product.	(10)
130	26110	000007 5-35-4	vinylidene chloride	no	yes	no	ND			(1)
131	48460	000007 5-37-6	1,1-difluoroethane	yes	no	no				

132	26140	000007 5-38-7	vinylidene fluoride	no	yes	no	5			
133	14380 23155	000007 5-44-5	carbonyl chloride	no	yes	no	ND		1 mg/kg in the final product.	(10)
134	43680	000007 5-45-6	chlorodifluoromethane	yes	no	no	6		Content of chlorofluor-methane less than 1 mg/kg of substance.	
135	24010	000007 5-56-9	propylene oxide	no	yes	no	ND		1 mg/kg in the final product.	
136	41680	000007 6-22-2	camphor	yes	no	no				
137	66580	000007 7-62-3	2,2'-methylene bis (4-methyl-6-(1-methylcyclohexyl) phenol)	yes	no	yes		(5)		
138	93760	000007 7-90-7	tri-n-butyl acetyl citrate	yes	no	no		(32)		
139	14680 44160	000007 7-92-9	citric acid	yes	yes	no				
140	44640	000007 7-93-0	citric acid, triethyl ester	yes	no	no		(32)		
141	13380 25600 94960	000007 7-99-6	1,1,1-trimethylolpropane	yes	yes	no	6			
142	26305	000007 8-08-0	vinyltriethoxysilane	no	yes	no	0,05		Only for application as a surface treatment agent.	(1)
143	62450	000007 8-78-4	isopentane	yes	no	no				
144	19243 21640	000007 8-79-5	2-methyl-1, 3-butadiene	no	yes	no	ND		1 mg/kg in the final product.	
145	10630	000007 9-06-1	acrylamide	no	yes	no	ND			
146	23890 8200	000007 9-09-4	propionic acid	yes	yes	no				
147	10690	000007 9-10-7	acrylic acid	no	yes	no		(22)		
148	14650	000007 9-38-9	chlorotrifluoroethylene	no	yes	no	ND			
149	19990	000007 9-39-0	methacrylamide	no	yes	no	ND			
150	20020	000007 9-41-4	methacrylic acid	no	yes	no		(23)		
151	13480 13607	000008 0-05-7	2,2-bis (4-hydroxyphenyl) propane	no	yes	no	0,6		Do not use to produce polycarbonate bottles (6) for infant feeding (7 13607).	
152	15610	000008 0-07-9	4,4'-dichlorodiphenyl sulfone	no	yes	no	0,05			
153	15267	000008 0-08-0	4,4'-diaminodiphenyl sulfone	no	yes	no	5			
154	13617 16090	000008 0-09-1	4,4'-dihydroxydiphenyl sulfone	no	yes	no	0,05			
155	23470	000008 0-56-8	α- pinene	no	yes	no				
156	21130	000008 0-62-6	methacrylic acid, methyl ester	no	yes	no		(23)		
157	74880	000008 4-74-2	phthalic acid, dibutyl ester	yes	no	no	0,3	(32)	Only for use as: (a) softening in materials and articles for reuse which come into	

									contact with no fat food; (b) technical support agents in polyolefin at concentrations up to 0.05% in the final product.	
158	23380 76320	000008 5-44-9	phthalic anhydride	yes	yes	no				
159	74560	000008 5-68-7	phthalic acid, benzyl butyl ester	yes	no	no	30	(32)	Only for use as: (a) softening in materials and articles for reusable use; (b) softening in disposable materials and articles which come into contact with non-fat food, other than the food for infants and small children, in accordance with regulations on the formulas for infants and small children and formulas after breastfeeding or processed cereal-based foods and foodstuffs for infants and small children in accordance with the Regulation on food for special nutritional needs. (c) technical support agent in concentrations up to 0.1% in the final product.	(7)
160	84800	000008 7-18-3	salicylic acid, 4-tert-butylphenyl ester	yes	no	yes	12			
161	92160	000087 -69-4	L - (+) - tartaric acid	yes	no	no				
162	65520	000008 7-78-5	mannitol	yes	no	no				
163	66400	000008 8-24-4	2,2'-methylene bis (4-ethyl-6-tert-butylphenol)	yes	no	yes		(13)		
164	34895	000008 8-68-6	2-aminobenzamide	yes	no	no	0,05		Only for use in PET for water and beverages.	
165	23200 74480	000008 8-99-3	o-phthalic acid	yes	yes	no				
166	24057	000008 9-32-7	pyromellitic acid's anhydride	no	yes	no	0,05			
167	25240	000009 1-08-7	2,6-toluene diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
168	13075 15310	000009 1-76-9	2,4-diamino-6-phenyl-1,3,5-triazine	no	yes	no	5			(1)

169	16240	000009 1-97-4	3,3'- dimethyl -4,4'- diisocyanate biphenyl	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
170	16000	000009 2-88-6	4,4'-dihydroxyphenyl	no	yes	no	6			
171	38080	000009 3-58-3	benzoic acid, methyl ester	yes	no	no				
172	37840	000009 3-89-0	benzoic acid, ethyl ester	yes	no	no				
173	60240	000009 4-13-3	4-hydroxybenzoic acid, propyl ester	yes	no	no				
174	14740	000009 5-48-7	o-cresol	no	yes	no				
175	20050	000009 6-05-9	methacrylic acid, allyl ester	no	yes	no	0,05			
176	11710	000009 6-33-3	acrylic acid, methyl ester	no	yes	no		(22)		
177	16955	000009 6-49-1	ethylene carbonate	no	yes	no	30		SML expressed as ethylene glycol. Residual amount of 5 mg ethylene carbonate per kg of hydrogel with max. 10 g of hydrogel in contact with 1 kg of food.	
178	92800	000009 6-69-5	4,4'-thiobis (6-tert-butyl-3metilfenol)	yes	no	yes	0,48			
179	48800	000009 7-23-4	2,2'-hydroxy-5,5-dichlorophenyl methane	yes	no	yes	12			
180	17160	000009 7-53-0	eugenol	no	yes	no		(33)		
181	20890	000009 7-63-2	methacrylic acid, ethyl ester	no	yes	no		(23)		
182	19270	000009 7-65-4	itaconic acid	no	yes	no				
183	21010	000009 7-86-9	methacrylic acid, isobutyl ester	no	yes	no		(23)		
184	20110	000009 7-88-1	methacrylic acid, butyl ester	no	yes	no		(23)		
185	20440	000009 7-90-5	methacrylic acid, diester with ethylene glycol	no	yes	no	0,05			
186	14020	000009 8-54-4	4-tert-butylphenol	no	yes	no	0,05			
187	22210	000009 8-83-9	α methylstyrene	no	yes	no	0,05			
188	19180	000009 9-63-8	isophthalic acid dichloride	no	yes	no		(27)		
189	60200	000009 9-76-3	4-hydroxybenzoic acid, methyl ester	yes	no	no				
190	18880	000009 9-96-7	p-hydroxybenzoic acid	no	yes	no				
191	24940	000010 0-20-9	terephthalic acid dichloride	no	yes	no		(28)		
192	23187	-	phthalic acid	no	yes	no				
193	24610	000010 0-42-5	styrene	no	yes	no				
194	13150	000010 0-51-6	benzyl alcohol	no	yes	no				
195	37360	000010 0-52-7	benzaldehyde	yes	no	no				
196	18670 59280	000010 0-97-0	hexamethylenetetramine	yes	yes	no		(15)		

197	20260	000010 1-43-9	methacrylic acid, cyclohexyl ester	no	yes	no	0,05			
198	16630	000010 1-68-8	diphenylmethane-4,4'-diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
199	24073	000010 1-90-6	resorcinol diglycidyl ether	no	yes	No	ND		It must not be used for articles in contact with greasy food for which a model solution D was determined. Only for indirect contact with food, behind PET layer.	
200	51680	000010 2-08-9	N,N'-diphenylthiourea	yes	no	yes	3			
201	16540	000010 2-09-0	diphenyl carbonate	no	yes	no	0,05			
202	23070	000010 2-39-6	(1,3-phenylenedioxy) dioctanoic acid	no	yes	no	0,05			(1)
203	13323	000010 2-40-9	1,3-bis (2-hydroxyethoxy) benzene	no	yes	no	0,05			
204	25180 92640	000010 2-60-3	N, N, N ', N', - tetrakis (2-hydroxypropyl) ethylenediamine	yes	yes	no				
205	25385	000010 2-70-5	trialiamine	no	yes	no			40 mg / kg of hydrogels in the ratio of 1 kg of food to a maximum of 1.5 grams of hydrogels. Used only in hydrogels intended for indirect contact with food.	
206	11500	000010 3-11-7	acrylic acid, 2-ethylhexyl ester	no	yes	no	0,05			
207	31920	000010 3-23-1	adipic acid, bis (2-ethylhexyl) ester	yes	no	yes	18	(32)		(2)
208	18898	000010 3-90-2	N- (4-hydroxyphenyl) acetamide	no	yes	no	0,05			
209	17050	000010 4-76-7	2-ethyl-1-hexanol	no	yex	no	30			
210	13390 14880	000010 5-08-8	1,4-bis (hydroxymethyl) cyclohexane	no	yes	no				
211	23920	000010 5-38-4	propionic acid, vinyl ester	no	yes	no		(1)		
212	14200 41840	000010 5-60-2	caprolactam	yes	yes	no		(4)		
213	82400	000010 5-62-4	1,2-propylene glycol dioleate	yes	no	no				
214	61840	000010 6-14-9	12-hydroxystearic acid	yes	no	no				
215	14170	000010 6-31-0	butyric acid anhydride	no	yes	no				
216	14770	000010 6-44-5	p-cresol	no	yes	no				
217	15565	000010 6-46-7	1,4-dichlorobenzene	no	yes	no	12			
218	11590	000010 6-63-8	acrylic acid, isobutyl ester	no	yes	no		(22)		
219	14570 16750	000010 6-89-8	epichlorohydrin	no	yes	no	ND		1 mg / kg in the final product.	(10)

220	20590	000010 6-91-2	methacrylic acid, 2,3-epoxypropyl ester	no	yes	no	0,02			(10)
221	40570	000010 6-97-8	butane	yes	no	no				
222	13870	000010 6-98-9	1-butene	no	yes	no				
223	13630	000010 6-99-0	butadiene	no	yes	no	ND		1 mg/kg in the final product.	
224	13900	000010 7-01-7	2-butene	no	yes	no				
225	12100	000010 7-13-1	acrylonitrile	no	yes	no	ND			
226	15272 16960	000010 7-15-3	ethylenediamine	no	yes	no	12			
227	16990 53650	000010 7-21-1	ethylene glycol	yes	yes	no		(2)		
228	13690	000010 7-88-0	1,3- butanediol	no	yes	no				
229	14140	000010 7-92-6	butyric acid	no	yes	no				
230	16150	000010 8-01-0	dimethylaminoethanol	no	yes	no	18			
231	10120	000010 8-05-4	acetic acid, vinyl ester	no	yes	no	12			
232	10150 30280	000010 8-24-7	acetic acid anhydride	yes	yes	no				
233	24850	000010 8-30-5	amine acid anhydride	no	yes	no				
234	19960	000010 8-31-6	maleic acid anhydride	no	yes	no				
235	14710	000010 8-39-4	m-cresol	no	yes	no				
236	23050	000010 8-45-2	1,3- phenylenediamine	no	yes	no	ND			
237	15910 24072	000010 8-46-3	1,3-dihydroxybenzene	no	yes	no	2,4			
238	18070	000010 8-55-4	glutaric acid anhydride	no	yes	no				
239	19975 25420 93720	000010 8-78-1	2,4,6-triamino-1,3,5-triazine	yes	yes	no	2,5			
240	45760	000010 8-91-8	cyclohexylamine	yes	no	no				
241	22960	000010 8-95-2	phenol	no	yes	no	3			
242	85360	000010 9-43-3	sebacic acid, dibutyl ester	yes	no	no		(32)		
243	19060	000010 9-53-5	isobutyl vinyl ether	no	yes	no	0,05			(10)
244	71720	000010 9-66-0	pentane	yes	no	no				
245	22900	000010 9-67-1	1-pentane	no	yes	no	5			
246	25150	000010 9-99-9	tetrahydrofuran	no	yes	no	0,6			
247	24820 90960	000011 0-15-6	succinic acid	yes	yes	no				
248	19540 64800	000011 0-16-7	maleic acid	yes	yes	no		(3)		
249	17290 55120	000011 0-17-8	fumaric acid	yes	yes	no				
250	53520	000011 0-30-5	N, N'-ethylene bis-stearamide	yes	no	no				
251	53360	000011	N, N'-ethylene bis oleamide	yes	no	no				

		0-31-6								
252	87200	000011 0-44-1	sorbic acid	yes	no	no				
253	15250	000011 0-60-1	1,4-diaminobutane	no	yes	no				
254	13720 40580	000011 0-63-4	1,4-butanediol	yes	yes	no		(30)		
255	25900	000011 0-88-3	trioxane	no	yes	no	5			
256	18010 55680	000011 0-9401	glutaric acid	yes	yes	no				
257	13550 16660 51760	002526 5-71-8	dipropylene glycol	yes	yes	no				
258	70480	000011 1-06-8	palmitic acid, butyl ester	yes	no	no				
259	70480	000011 1-14-8	heptanoic acid	yes	no	no				
260	24280	000011 1-20-6	sebacic acid	no	yes	no				
261	15790	000011 1-40-0	diethylenetriamine	no	yes	no	5			
262	35284	000011 1-41-1	N- (2-aminoethyl) ethanolamine	yes	no	no	0,05		It must not be used for articles in contact with fatty food for which the model solution D was determined. Only for indirect contact with food, behind the PET layer.	
263	13326 15760 47680	000011 1-46-6	diethylene glycol	yes	yes	no		(2)		
264	22660	000011 1-66-0	1-octene	no	yes	no	15			
265	22600	000011 1-87-5	1-octanol	no	yes	no				
266	25510 94320	000011 2-27-6	triethylene glycol	yes	yes	no				
267	15100	000011 2-30-1	1-decanol	no	yes	no				
268	16704	000011 2-41-4	1-dodecene	no	yes		no	0,05		
269	25090 92350	000011 2-60-7	tetraethylene glycol	yes	yes	no				
270	22763 69040	000011 2-80-1	oleic acid	yes	yes	no				
271	52720	000011 2-84-5	erucamide	yes	no	no				
272	37040	0000 2-85-6	behenic acid	yes	no	no				
273	52730	000011 2-86-7	erucic acid	yes	no	no				
274	22570	000011 2-96-9	octadecyl isocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
275	23980	000011 5-07-1	propylene	no	yes	no				
276	19000	000011 5-11-7	isobutene	no	yes	no				

277	18280	000011 5-27-5	hexahydrochloride-methyl-tetrahydrophthalic acid anhydride	no	yes	no	ND			
278	18250	000011 5-28-6	hexachloro-endomethylenethydrophthalic acid	no	yes	no	ND			
279	22840 71600	000011 5-77-5	pentaerythritol	yes	yes	no				
280	73720	000011 5-96-8	phosphoric acid, trichlorethyl ester	yes	no	no	ND			
281	25120	000011 6-14-3	tetrafluoroethylene	no	yes	no	0,05			
282	18430	000011 6-15-4	hexafluoropropylene	no	yes	no	ND			
283	74640	000011 7-81-7	phthalic acid, bis (2-ethylhexyl) ester	yes	no	no	1,5	(32)	Only for use as: (a) softening in materials and articles for reusable use coming into contact with non-fatty foods; (b) technical support agents in concentrations up to 0.1% in the final product.	(7)
284	84880	000011 9-36-8	salicylic acid, methyl ester	yes	no	no	30			
285	66480	000011 9-47-1	2,2'-methylene bis (4-methyl-6-tert-butylphenol)	yes	no	yes		(13)		
286	38240	000011 9-61-9	benzophenone	yes	no	yes	0,6			
287	60160	000012 0-47-8	4-hydroxybenzoic acid, ethyl ester	yes	no	no				
288	24970	000012 0-61-6	terephthalic acid, dimethyl ester	no	yes	no				
289	15880 24051	000012 0-80-9	1, 2-dihydroxybenzene	no	yes	no	6			
290	55360	000012 1-79-9	galic acid, propyl ester	yes	no	no		(20)		
291	19150	000012 1-91-5	isophthalic acid	no	yes	no		(27)		
292	94560	000012 2-20-3	triisopropanolamine	yes	no	No	5			
293	23175	000012 2-52-1	phosphoric acid, triethyl ester	no	yes	no	ND		1 mg/kg in the final product.	(1)
294	93120	000012 3-28-4	thiodipropionic acid, didodecyl ester	yes	no	yes		(14)		
295	15940 18867 48620	000012 3-31-9	1,4-dihydroxybenzene	yes	yes	no	0,6			
296	23860	000012 3-38-6	propionaldehyde	no	yes	no				
297	23950	000012 3-62-6	propionic acid anhydride	no	yes	no				
298	14110	000012 3-72-8	butyraldehyde	no	yes	no				
299	63840	000012 32-76-2	levulinic acid	yes	no	no				
300	30045	000012 3-86-4	acetic acid, butyl ester	yes	no	no				
301	89120	000012 3-95-5	stearic acid, butyl ester	yes	no	no				
302	12820	000012 3-99-9	azelaic acid	no	yes	no				

303	12130 31730	000012 4-04-9	adipic acid	yes	yes	no				
304	14320 41960	000012 4-07-2	caprylic acid	yes	yes	no				
305	15274 18460	000012 4-09-4	hexamethylenediamine	no	yes	no	2,4			
306	88960	000012 4-26-5	stearamide	yes	no	no				
307	42160	000012 4-38-9	carbon dioxide	yes	no	no				
308	91200	000012 6-13-6	acetate isobutyrate sucrose	yes	no	no				
309	91360	000012 6-14-7	sucrose sucrose	yes	no	no				
310	16390 22437	000012 6-30-7	2,2-dimethyl-1,3-propanediol	no	yes	no	0,05			
311	16480 51200	000012 6-58-9	dipentaerythritol	yes	yes	no				
312	21490	000012 6-98-7	methacrylonitrile	no	yes	no	ND			
313	16650 51570	000012 7-63-9	diphenyl sulfone	yes	yes	no	3			
314	23500	000012 7-91-3	β-pinene	no	yes	no				
315	46640	000012 8-37-0	2,6-di-tert-butyl-p-cresol	yes	no	no	3			
316	23230	000013 1-17-9	phthalic acid, diallyl ester	no	yes	no	ND			
317	48880	000013 1-53-3	2,2'-dihydroxy- 4metoksibenzofenon	yes	no	yes		(8)		
318	48640	000013 1-56-6	2,4-dihydroxybenzophenone	yes	no	no		(8)		
319	61360	000013 1-57-7	2-hydroxy-4- methoxybenzophenone	yes	no	yes		(8)		
320	37680	000013 6-60-7	benzoic acid, butyl ester	yes	no	no				
321	36080	000013 7-66-6	ascorbyl palmitate	yes	no	no				
322	63040	000013 8-22-7	lactic acid, butyl ester	yes	no	no				
323	11470	000014 0-88-5	acrylic acid, ethyl ester	no	yes	no		(22)		
324	83700	000014 1-22-0	ricinooleic acid	yes	no	yes	42			
325	10780	000014 1-32-2	acrylic acid, n-butyl ester	no	yes	no		(22)		
326	35170	000014 1-43-5	2- aminoethanol	yes	yes	no	0,05		It must not be used for articles that come into contact with fatty foods for which the model solution D was determined. Only for indirect contact with food, behind PET layer.	
327	30140	000014 1-78-6	acetic acid, ethyl ester	yes	no	no				
328	65040	000014 1-82-2	malonic acid	yes	no	no				
329	59360	000014 2062-1	hexanoic acid	yes	no	no				
330	19470 63280	000014 3-07-7	lauric acid	yes	yes	no				

331	22480	000014 3-08-8	1-nonanol	no	yes	no				
332	69760	000014 302802	oleyl alcohol	yes	no	no				
333	22775 69920	000014 4-62-7	oxalic acid	yes	yes	no	6			
334	17005	000015 1-56-4	ethyleneimine	no	yes	no	ND			
335	68960	000030 1-02-0	oleamide	yes	no	no				
336	15095 45940	000033 4-48-5	n-decanoic acid	yes	yes	no				
337	15820	000034 5-92-6	4,4'-difluorobenzophenone	no	yes	no	0,05			
338	71020	000037 3-49-9	palmitoleic acid	yes	no	no				
339	86160	000040 9-21-2	silicon carbide	yes	no	no				
340	47440	000046 1-58-5	dicyandiamide	yes	no	no	60			
341	13180 22550	000049 8-66-8	bicyclo[2.2.1] hept-2-ene	no	yes	no	0,05			
342	14260	000050 2-44-3	caprolactone	no	yes	no		(29)		
343	23770	000050 4-63-2	1,3 propanediol	no	yes	no	0,05			
344	13810 21821	000050 5-65-7	1,4-butandiol formaldehyde	no	yes	no	0,05	15 30		(21)
345	35840	000050 6-30-9	arachidic acid	yes	no	no				
346	10030	000051 4-10-3	abietic acid	no	yes	no				
347	13050 25540	000052 8-44-9	trimelic acid	no	yes	no		(21)		
348	22350 67891	000054 4-63-8	myristic acid	yes	yes	no				
349	25550	000055 2-30-7	trimelic acid anhydride	no	yes	no		(21)		
350	63920	000055 7-59-5	lignoceric acid	yes	no	no				
351	21730	000056 3-45-1	3-methyl-1-butene	no	yes	no	ND		It may only be used in polypropylene	(1)
352	16360	000057 6-26-1	2,6-dimethylphenol	no	yes	no	0,05			
353	42480	000058 4-09-8	carbonic acid, rubidium salt	yes	no	no	12			
354	25210	000058 4-84-9	2,4-toluene diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
355	20170	000058 5-07-9	methacrylic acid, tert-butyl ester	no	yes	no		(23)		
356	18820	000059 2-41-6	1-hexene	no	yes	no	3			
357	13932	000059 8-32-3	3-buten-2-ol	no	yes	no	ND		It may be used only as comonomer for preparation of a polymer additive.	
358	14841	000059 9-64-4	4- cumylphenol	no	yes	no	0,05			
359	15970 48720	000061 1-99-4	4,4'-dihydroxybenzophenone	yes	yes	no		(8)		
360	57920	000062 0-67-7	glycerol triheptanoate	yes	no	no				

361	18700	000062 9-11-8	1,6- 1,6-hexanediol	no	yes	no	0,05			
362	14350	000063 0-08-0	carbon monoxide	no	yes	no				
363	16450	000064 6-06-0	1,3-dioxolane	no	yes	no	5			
364	15404	000065 2-67-5	1,4: 3,6-dianhydrosorbitol	no	yes	no	5		Only for use as: (a) a comonomer in poly (ethylene-co-isosorbide terephthalate); (b) a comonomer with a molar share of diol component up to 40% in combination with ethylene glycol and / or 1,4-bis (hydroxymethyl) cyclohexane, for the production of polyesters. Polyesters created by using dianhydrosorbitol together with 1,4-bis (hydroxymethyl) cyclohexane are not used in contact with food containing more than 15% of alcohol.	
365	11680	000068 9-12-3	acrylic acid, isopropyl ester	no	yes	no		(22)		
366	22150	000069 1-37-2	4-methyl-1-pentene	no	yes	no	0,05			
367	16697	000069 3-23-2	n-dodecanedioic acid	no	yes	no				
368	93280	000069 3-36-7	thiodipropionic acid, dioctadecyl ester	yes	no	yes		(14)		
369	12761	000069 3-57-2	12-aminododecanoic acid	no	yes	no	0,05			
370	21460	000076 0-93-0	methacrylic acid anhydride	no	yes	no		(23)		
371	11510 11830	000081 8-61-1	acrylic acid, monoester with ethylene glycol	no	yes	no		(22)		
372	18640	000082 2-06-0	hexamethylene diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
373	22390	000084 0-65-3	2,6-naphthalenedicarboxylic acid, dimethyl ester	no	yes	no	0,05			
374	21190	000086 8-77-9	methacrylic acid, monoester with ethylene glycol	no	yes	no		(23)		
375	15130	000087 2-05-9	1-decene	no	yes	no	0,05			
376	66905	000087 2-50-4	N-methylpyrrolidone	yes	no	no	60			
377	12786	000091 9-30-2	3-aminopropyltriethoxysilane	no	yes	no	0,05		The residual extractive content of 3-aminopropyltrietho xy-lane must be less	

									than 3 mg / kg of filler when used for reactive surface treatment of inorganic fillers. SML = 0.05 mg / kg when used for surface treatment of materials and objects.	
378	21970	000092 3-02-4	N-methylol methacrylamide	no	yes	no	0,05			
379	21940	000092 4-42-5	N-methylolacrylamide	no	yes	no	ND			
380	11980	000092 5-60-0	acrylic acid, propyl ester	no	yes	no		(22)		
381	15030	000093 1-88-4	cyclooctene	no	yes	no	0,05		Only for application in polymers in contact with food for which the model solution A was prescribed.	
382	19490	000094 7-04-6	laurolactam	no	yes	no	5			
383	72160	000094 8-65-2	2-phenylindole	yes	no	yes	15			
384	4000	000099 1-84-4	2,4-bis (octyl mercaptan) -6- (4-hydroxy-3,5-di-tert-butylanilino) 1,3,5-triazine	yes	no	yes	30			
385	11530	000099 9-61-1	acrylic acid, 2-hydroxypropyl ester	no	yes	no	0,5		SML expressed as the sum of acrylic acids. 2-hydroxypropyl ester and acrylic acid, 2-hydroxyisopropyl ester. May contain up to 25% (m / m) of acrylic acid, 2-hydroxyisopropyl ester (CAS No. 0002918-23-2).	(1)
386	55280	000103 4-01-1	galic acid, octyl ester	yes	no	no		(20)		
387	26155	000107 2-63-5	1-vinylimidazole	no	yes	no	0,05			(1)
388	25080	000112 0-36-1	1-tetradecyl	no	yes	no	0,5			
389	22360	000114 1-38-4	2,6-naphthalenecarboxylic acid	no	yes	no	5			
390	55200	000116 6-52-5	galic acid, dodecyl ester	yes	no	no		(20)		
391	22932	000118 7-93-5	perfluoromethyl perfluorovinyl ether	no	yes	no	0,05		Only for application with non-adhesive coatings (separating films).	
392	72800	000124 1-94-7	phosphoric acid, diphenyl-2-ethylhexyl ester	yes	no	yes	2,4			
393	37280	000130 2-78-9	bentonite	yes	no	no				
394	41280	000130 5-62-0	calcium hydroxide	yes	no	no				
395	41520	000130 5-78-8	calcium oxide	yes	no	no				
396	64640	000130	magnesium hydroxide	yes	no	no				

		9-42-8								
397	64720	000130 9-48-4	magnesium oxide	yes	no	no				
398	35760	000130 9-64-4	antimony trioxide	yes	no	no	0,4		SML expressed as antimony.	(6)
399	81600	000131 0-58-3	potassium hydroxide	yes	no	no				
400	86720	000131 0-73-2	sodium hydroxide	yes	no	no				
401	24475	000131 3-82-2	sodium sulfide	no	yes	no				
402	96240	000131 4-13-2	zinc oxide	yes	no	no				
403	96320	000131 4-98-3	zinc sulfide	yes	no	no				
404	67200	000131 7-33-5	molybdenum disulfide	yes	no	no				
405	16690	000132 1-74-0	divinylbenzene	no	yes	no	ND		SML expressed as the sum of divinylbenzene and ethylvinylbenzene. It may contain up to 45% (m / m) of ethylvinylbenzene.	(1)
406	83300	000132 3-39-3	1,2-propylene glycol monostearate	yes	no	no				
407	87040	000133 0-43-4	sodium tetraborate	yes	no	no		(16)		
408	82960	000133 0-80-9	1,2-propylene glycol monooleate	yes	no	no				
409	62240	000133 2-37-2	iron oxide	yes	no	no				
410	62720	000133 2-58-7	kaoline	yes	no	no			Particles may be less than 100 nm only if their mass share is less than 12% m /m of the inner layer of ethyl vinyl alcohol copolymer ('EVOH') of multilayer structure, in which the layer in direct contact with food constitutes a functional barrier preventing particle migration in food.	
411	42080	000133 3-86-4	carbon black (soot)	yes	no	no			Primary particles of 10 - 300 mm agglomerated to size from 100 to 1200 nm which can produce agglomerates within the size of 300 nm - mm. Toluene extract: max. 0.1%, determined according to ISO method 6209. UV absorption of cyclohexane extract at wavelength of	

									386 nm: <0.02 AU for 1 cm cell or <0.1 AU for 5 cm cell, determined according to the generally recognized analysis method. Content of benzo(a)pyrene: max. 0.25 mg / kg of carbon black. Maximum amount of soot in the polymer: 2.5% m / m.	
412	45200	000133 5-23-5	copper iodide	yes	no	no		(6)		
413	35600	000133 6-21-6	ammonium hydroxide	yes	no	no				
414	87600	000133 803902	sorbitan monolaurate	yes	no	no				
415	87840	000133 8-41-6	sorbitan monostearate	yes	no	no				
416	87680	000133 8-43-8	sorbitan monooleate	yes	no	no				
417	85680	000134 3-98-2	silicic acid	yes	no	no				
418	34720	000140 1-55-4	aluminum oxide	yes	no	no				
419	92150	000140 1-55-4	tannic acid	yes	no	no			According to JEFCA specifications.	
420	19210	000145 9-93-4	isophthalic acid, dimethyl ester	no	yes	no	0,05			
421	13000	000147 7-55-0	1,3-benzenedimethanamine	no	yes	no		(34)		
422	38515	000153 3-45-5	4,4'-bis (2-benzoxazolyl) stilbene	yes	no	yes	0,05			(2)
423	22937	000162 3-05-8	perfluoropropylperfluorovinyl ether	no	yes	no	0,05			
424	15070	000164 7-16-1	1,9-decadiene	no	yes	no	0,05			
425	10840	000166 3-39-4	acrylic acid, tert-butyl ester	no	yes	no		(22)		
426	13510 13610	000167 5-54-3	2,2-bis (4-hydroxyphenyl) propane bis (2,3-epoxypropyl) ether	no	yes	no			In accordance with the Regulation on limiting the use of epoxy derivatives in materials and articles intended for contact with food ("Official Gazette of BiH", no. 42/10).	
427	18896	000167 9-51-2	4-- (hydroxymethyl) -1-cyclohexene	no	yes	no	0,05			
428	95200	000170 9-70-2	1,3,5-trimethyl-2,4,6-tris (3,5-ditertbutyl-4-hydroxybenzyl) benzene	yes	no	no				
429	13210	000176 1-71-3	bis (4-aminocyclohexyl) methane	no	yes	no	0,05			
430	95600	000184 3-03-4	1,1,3-tris (2-methyl-4-hydroxy-5-tert-butylphenyl) butane	yes	no	yes	5			
431	61600	000184 3-05-6	2-hidroksi-4-noktiloksibenzofenon	yes	no	yes		(8)		
432	12280	000203	adipic acid anhydride	no	yes	no				

		5-75-8								
433	68320	000208 2-79-3	2-79-3 octadecyl 3-(3,5-di-tert-butil-4-hydroxyphenyl) propionate	yes	no	yes	6			
434	20410	000208 2-81-7	methacrylic acid, diester with 1,4-butanediol	no	yes	no	0,05			
435	14230	000212 3-24-2	caprolactam, sodium salt	no	yes	no		(4)		
436	19480	000214 6-71-6	lauric acid, vinyl ester	no	yes	no				
437	11245	000215 6-97-0	acrylic acid, dodecyl ester	no	yes	no	0,05			(2)
438	13303	000216 2-74-5	bis (2,6-diisopropylphenyl) carbodiimide	no	yes	no	0,05		Expressed as the sum of bis (2,6-diisopropylphenyl) carbodiimides and its hydrolysis product 2,6-diisopropylaniline	
439	21280	000217 7-70-0	methacrylic acid, phenyl ester	no	yes	no		(23)		
440	21340	000221 0-28-8	methacrylic acid, propyl ester	no	yes	no		(23)		
441	38160	000231 5-68-6	benzoic acid, propyl ester	yes	no	no				
442	13780	000242 5-79-8	1,4-butanediol bis (2,3-epoxypropyl) ether	no	yes	no	ND		Residual content = 1 mg / kg in the final product expressed as epoxy group. Molecular mass is 43 Da.	(10)
443	12788	000243 2-99-7	11-aminoethanoic acid	no	yes	no	5			
444	61440	000244 0-22-4	2- (2'-hydroxy-5'-methylphenyl) benzotriazole	yes	no	no		(12)		
445	83440	000246 6-09-3	pyrophosphoric acid	yes	no	no				
446	10750	000249 5-35-4	acrylic acid, benzyl ester	no	yes	no		(22)		
447	20080	000249 5-37-6	methacrylic acid, benzyl ester	no	yes	no		(23)		
448	11890	000249 9-59-4	acrylic acid, n-octyl ester	no	yes	no		(22)		
449	49840	000250 0-88-1	dioctadecyl disulfide	yes	no	yes	0,05			
450	24430	000256 1-88-8	sebacic acid anhydride	no	yes	no				
451	66755	000268 2-20-4	2-methyl-4-isothiazolin-3-one	yes	no	no	0,5		Only for use in aqueous polymer dispersions and emulsions.	
452	38885	000272 5-22-6	2,4-Bis (2,4-dimethylphenyl) -6-(2-hydroxy-4-n-octyloxyphenyl) 1,3,5-triazine	yes	no	no	5			
453	26320	000276 8-02-7	vinyltrimethoxysilane	no	yes	no	0,05			(10)
454	12670	000285 5-13-2	1-amino-3-aminomethyl-3,5,5-trimethylcyclohexane	no	yes	no	6			
455	20530	000286 7-47-2	methacrylic acid, 2 (dimethylamino) ethyl ester	no	yes	no	ND			
456	10810	000299 8-08-5	acrylic acid, sec-butyl ester	no	yes	no		(22)		
457	20140	000299 8-18-7	methacrylic acid, sec-butyl ester	no	yes	no		(23)		

458	36960	000306 1-75-4	behenamide	yes	no	no				
459	46870	000313 5-18-0	3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid, dioctadecyl ester	yes	no	no				
460	14950	000317 3-53-3	cyclohexyl isocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
461	22420	000317 3-72-6	1,5-naphthalene diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
462	26170	000319 5-78-6	N-Vinyl-N-methylacetamide	no	yes	no	0,02			
463	25840	000329 0-92-4	1,1,1-trimethylolpropane trimethacrylate	no	yes	no	0,05			
464	61280	000329 3-97-8	2-hydroxy-4-n-hexyloxybenzophenone	yes	no	yes		(8)		
465	68040	000333 3-62-8	7- [2H-naphtho- (1,2-D) triazol-2-yl] -3-phenylcumarin	yes	no	no				
466	50640	000364 8-18-8	di-n-octyl tin dilaurat	yes	no	no		(10)		
467	14800 45600	000372 4-65-0	crotonic acid	yes	yes	no	0,05			(1)
468	71960	000382 5-26-1	perfluorooctanoic acid, ammonium salt	yes	no	no			Only for use in reusable articles sintered at high temperatures	
469	60480	000386 4-99-1	2- (2'-hydroxy-3,5'-di-tert-butylphenyl) -5-chlorobenzotriazole	yes	no	yes		(12)		
470	60400	000389 6-11-5	2- (2'-hydroxy-3'-tert-butyl-5'-methylphenyl) -5-chlorobenzotriazole	yes	no	yes		(12)		
471	24888	000396 5-55-7	5-sulfoisophthalic acid, monosodium salt, dimethyl ester	no	yes	no	0,05			
472	66560	000406 6-02-8	2,2'-methylenebis (4-methyl-6-cyclohexylphenol)	yes	no	yes		(5)		
473	12265	000407 4-90-2	adipic acid, divinyl ester	no	yes	no	ND		5 mg/kg in the final product. Only to apply as a comonomer.	(1)
474	43600	0004-8 0-31-3	1- (3-Chloroanil) -3,5,7-triaza-1-azoniaadamantane chloride	yes	no	no	0,3			
475	19110	000409 8-71-9	1-isocyanate-3-isocyanatemethyl-3,5,5-trimethylcyclohexane	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
476	16570	000412 8-73-8	diphenylether-4,4'-diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
477	46720	000413 0-42-1	2,6-di-tert-butyl-4-ethylphenol	yes	no	yes	4,8			(1)
478	60180	000419 1-73-5	4-hydroxybenzoic acid, isopropyl ester	yes	no	no				
479	12970	000419 6-95-6	azelaic acid anhydride	no	yes	no				
480	46790	000422 1-80-1	3,5-di-tert-butyl-4-hydroxybenzoic acid, 2,4-di-tert-butylphenyl ester	yes	no	no				

481	13060	0004422-95-1	trichloride 1,3,5-benzenetricarboxylic acid	no	yes	no	0,05		SML expressed as 1,3,5-benene-tricarboxilic acid.	(1)
482	21100	0004655-34-9	methacrylic acid, isopropyl ester	no	yes	no		(23)		
483	68860	0004724-48-5	n-Octylphosphonic acid	yes	no	no	0,05			
484	13395	0004767-03-7	2,2-bis (hydroxymethyl) propionic acid	no	yes	no	0,05			(1)
485	13560 15700	0005124-30-1	dicyclohexylmethane-4,4'diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
486	54005	0005136-44-7	ethylene-N-palmitamide- N'-stearamide	yes	no	no				
487	45640	0005232-99-5	2-cyano-3,3-diphenylacetic acid, ethyl ester	yes	no	no	0,05			
488	53440	0005518-18-3	N, N'-ethylenebispalmitamide	yes	no	no				
489	41040	0005743-36-2	calcium butyrate	yes	no	no				
490	16600	0005873-54-1	diphenylmethane-2,4'-diisocyanate	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
491	82720	0006182-11-2	1,2-propylene glycol distearate	yes	no	no				
492	45650	0006197-30-4	2-cyano-3,3-diphenylacetic acid, 2-ethylhexyl ester	yes	no	no	0,05			
493	39200	0006200-40-4	bis (2-hydroxyethyl) -2-hydroxypropyl-3 (dodecyloxy) methylammonium chloride	yes	no	no	1,8			
494	62140	0006303-21-5	hypophosphoric acid	yes	no	no				
495	35160	0006642-31-5	6-amino-1,3-dimethyluracil	yes	no	no	5			
496	71680	0006683-19-8	pentaerythritol tetrakis [3- (3,5-ditert-butyl-4-hydroxyphenyl) propionate]	yes	no	no				
497	95020	0006846-50-0	2,2,4-trimethyl-1,3-pentanediol diisobutyrate	yes	no	no	5		Only for use in disposable gloves	
498	16210	0006864-37-5	3,3'-dimethyl-4,4_diamindicikoheksilmetan	no	yes	no	0,05		Only for use in polyamides.	(5)
499	19965 65020	0006915-15-7	malic acid	yes	yes	no			In the case of use as a monomer, it should be used only as a comonomer in aliphatic polyesters up to a maximum of 1% expressed on a molar basis.	
500	38560	0007128-64-5	2,5-Bis (5-tert-butyl-2-benzoxazolyl) thiophene	yes	no	yes	0,6			
501	34480	-	fibers, flakes and aluminum powder	yes	no	no				
502	22778	0007456-68-0	4,4'-oxybis (benzenesulfonyl azide)	no	yes	no	0,05			(1)
503	46080	0007585-39-9	β-dextrin	yes	no	no				
504	86240	0007631-86-9	silicon dioxide	yes	no	no			For synthetic amorphous silicon dioxide: 1 to 100 nm primary particles agglomerated in	

									the range of 0.1 to 1 µm which can produce agglomerates within the range of 0.3 µm to mm	
505	86480	000763 1-90-5	sodium bisulfite	yes	no	no		(19)		
506	86920	000763 2-00-0	sodium nitrite	yes	no	no	0,6			
507	59990	000764 7-01-0	hydrochloric acid	yes	no	no				
508	86560	000764 7-15-6	sodium bromide	yes	no	no				
509	23170 72640	000766 4-38-2	phosphoric acid	yes	yes	no				
510	12789 35320	000766 4-41-7	ammonia	yes	yes	no				
511	91920	000766 4-93-9	sulfuric acid	yes	no	no				
512	81680	000768 1-11-0	potassium iodide	yes	no	no		(6)		
513	86800	000768 1-82-5	sodium iodide	yes	no	no		(6)		
514	91840	000770 4-34-9	sulfur	yes	no	no				
515	26360 95855	000773 2-18-5	water	yes	no	no			In accordance with the Regulation on Drinking Water Health Worthiness ("Official Gazette of BiH", No. 40/10, 43/10 and 30/12).	
516	86960	000775 7-83-7	sodium sulphite	yes	no	no		(19)		
517	81520	000775 8-02-3	potassium bromide	yes	no	no				
518	35845	000777 1-44-0	arachidonic acid	yes	no	no				
519	87120	000777 2-98-7	sodium thiosulfate	yes	no	no		(19)		
520	65120	000777 3-01-5	manganese chloride	no	yes	no				
521	58320	000778 2-42-5	graphite	yes	no	no				
522	14530	000778 2-50-5	chlorine	no	yes	no				
523	45195	000778 7-70-4	copper bromide	yes	no	no				
524	24520	000800 1-22-7	soybean oil	no	yes	no				
526	43440	000800 1-75-0	ceresin	yes	no	no				
527	14411 42880	000800 1-79-4	castor oil	yes	yes	no				
528	63760	000800 2-43-5	lecithin	yes	no	no				
529	67850	000800 2-53-7	montan wax	yes	no	no				
530	41760	000800 6-44-8	candle wax	yes	no	no				
531	36880	000801 2-89-3	bee wax	yes	no	no				

532	88640	000801 3-07-8	soybean oil, epoxidized	yes	no	no	60 30 (*)	(32)	(*) For PVC seals used to seal jars containing infant food and food for toddlers in accordance with the Regulation on formulas for infants and young children and formulas after breastfeeding or processed cereal-based foods and food for infants and toddlers in accordance with the Regulation on processed cereal-based foods and baby foods, infants and young children, SML is reduced to 30 mg / kg. Oxidized <8%, iodine number <6.	
533	42720	000801 5-86-9	carnauba wax	yes	no	no				
534	80720	000801 7-16-1	polyphosphoric acid	yes	no	no				
535	24100 24130 24190 83840	000805 0-09-7	rosin	yes	yes	no				
536	84320	000805 0-15-5	rosin, hydrogenated, ester with methanol	yes	no	no				
537	84080	000805 0-26-8	rosin, ester with pentaerythritol	yes	no	no				
538	84000	000805 0-31-5	rosin, ester with glycerol	yes	no	no				
539	24160	000805 2-10-6	rosin oils	no	yes	no				
540	63940	000806 2-15-5	lignosulfonic acid	yes	no	no	0,24		Applies only as a dispersant for plastic dispersions.	
541	58480	000900 0-01-5	gum Arabica	yes	no	no				
542	42640	000900 0-11-7	carboxymethylcellulose	yes	no	no				
543	45920	000900 0-16-2	damar	yes	no	no				
544	58400	000900 0-30-0	guar gum	yes	no	no				
545	93680	000900 0-65-1	tragacanth gum	yes	no	no				
546	71440	000900 0-69-5	pectin	yes	no	no				
547	55440	000900 0-70-8	gelatin	yes	no	no				
548	42800	000900 0-71-9	casein	yes	no	no				
549	80000	000900 2-88-4	polyethylene wax	yes	no	no				
550	81060	000900 3-07-0	polypropylene wax	yes	no	no				

551	79920	00900 3-11-6 010639 2-12-5	poly (ethylene propylene) glycol	yes	no	no				
552	81500	000900 3-39-8	poly (vinyl-pyrrolidone)	yes	no	no			The substance must meet the requirements for purity as laid down in the Regulation on the use of food additives, other than colors and sweeteners in food ("Official Gazette of BiH", No 83/08).	
553	14500 43280	000900 4-34-6	cellulose	yes	yes	no				
554	43300	000900 4-36-8	acetate cellulose butyrate	yes	no	no				
555	53280	000900 4-57-3	ethylcellulose	yes	no	no				
556	54260	000900 4-58-4	methyl hydroxyl ethyl cellulose	yes	no	no				
557	66640	000900 4-59-5	methyl ethyl cellulose	yes	no	no				
558	60560	000900 4-62-0	hydroxylethylcellulose	yes	no	no				
559	61680	00900 4-64-2	hydroxypropylcellulose	yes	no	no				
560	66700	00900 4-65-3	methylhydroxypropylcellulose	yes	no	no				
561	66240	00900 4-67-5	methylcellulose	yes	no	no				
562	22450	00900 4-70-0	nitrocellulose	no	yes	no				
563	78320	00900 4-97-1	polyethylene glycol mono ricinoleate	yes	no	yes	42			
564	24540 88800	00900 5-25-8	starch, edible	yes	yes	no				
565	61120	00900 5-27-0	hydroxyethyl starch	yes	no	no				
566	33350	00900 5-32-7	alginic acid	yes	no	no				
567	82080	00900 5-37-2	1,2-propylene glycol alginate	yes	no	no				
568	79040	00900 5-64-5	polyethylene glycol sorbitan monolaurate	yes	no	no				
569	79120	00900 5-65-6	polyethylene glycol sorbitan monooleate	yes	no	no				
570	79200	00900 5-66-7	polyethylene glycol sorbitan monopalmitate	yes	no	no				
571	79280	00900 5-67-8	polyethylene glycol sorbitan monostearate	yes	no	no				
572	79360	00900 5-70-3	polyethylene glycol sorbitan trioleate	yes	no	no				
573	79440	00900	polyethylene glycol sorbitan tristearate	yes	no	no				
574	24250 84560	00900 6-94-6	rubber, natural	yes	yes	no				
575	76721	006314 8-62-9	polydimethylsiloxane (Molecular weight> 6,800 Da)	yes	no	no			Viscosity at 25 ° C at least 100 cSt (= 100 × 10-6 m2 / s).	
576	60880	000903 2-42-2	hydroxyethyl methyl cellulose	yes	no	no				

577	62280	000904 4-17-1	isobutylene-butene copolymer	yes	no	no				
578	79600	000904 6-01-9	polyethylene glycol tridecyl ether phosphate	yes	no	no	5		Only for materials and objects intended for contact with watery food. Polyethylene glycol (EO ≤ 11) tridecylether phosphate (mono-idiyacyl ester) with a maximum amount of 10% polyethylene glycol (EO ≤ 11) tridecylether.	
579	61800	000904 9-76-7	hydroxypropyl starch	yes	no	no				
580	46070	001001 6-20-3	α-dextrin	yes	no	no				
581	36800	001002 2-31-8	barium nitrate	yes	no	no				
582	50240	001003 9-33-5	di-n-octyl tin bis (2-ethylhexyl maleate)	yes	no	no		(10)		
583	40400	001004 3-11-5	boron nitride	yes	no	no		(16)		
584	13620 40320	001004 3-35-3	boronic acid	yes	yes	no		(16)		
585	41120	001004 3-52-4	calcium chloride	yes	no	no				
586	65280	001004 3-84-2	manganese hypophosphite	yes	no	no				
587	68400	001009 4-45-8	octadecylerucamide	yes	no	yes	5			
588	64320	001037 7-51-2	lithium iodide	yes	no	no		(6)		
589	52645	001043 6-08-5	cis-11-eicosenamide	yes	no	no				
590	21370	001059 5-80-9	methacrylic acid, 2-sulfoethyl ester	no	yes	no	ND			
591	36160	001060 5-09-1	ascorbic stearate	yes	no	no				
592	34690	001109 7-59-9	aluminum magnesium carbonate hydroxide	yes	no	no				
593	44960	001110 4-61-3	cobalt oxide	yes	no	no				
594	65360	001112 9-60-5	manganese oxide	yes	no	no				
595	19510	001113 2-73-3	lignocellulose	no	yes	no				
596	95935	001113 8-66-2	xanthan gum	yes	no	no				
597	67120	001200 1-26-2	Mica	yes	no	no				
598	41600	001200 4-14-7 003729 3-22-4	calcium sulfoaluminate	yes	no	no				
599	36840	001200 7-55-5	barium tetraborate	yes	no	no		(16)		
600	60030	001207 2-90-1	hydromagnesite	yes	no	no				
601	35440	001212 4-97-9	ammonium bromide	yes	no	no				

602	70240	0012198-93-4	ozokerite	yes	no	no				
603	83460	0012269-78-2	pyrophyllite	yes	no	no				
604	60080	0012304-65-3	hydrotalcite	yes	no	no				
605	11005	0012542-30-2	acrylic acid, dicyclopentenyl ester	no	yes	no	0,05			(1)
606	65200	0012626-88-9	manganese hydroxide	yes	no	no				
607	62245	0012751-22-3	iron phosphorus	yes	no	no			Only to be used in PET polymers and copolymers.	
608	40800	0013003-12-8	4,4'-butylidene bis (6-tert-butyl-3-methylphenyl ditridecyl phosphite)	yes	no	yes	6			
609	83455	0013445-56-2	pyrophosphoric acid	yes	no	no				
610	93440	0013463-67-7	titanium dioxide	yes	no	no				
611	35120	0013560-49-1	3-aminocrotonic acid, diester with thiobis (2-hydroxyethyl) ether	yes	no	no				
612	16694	0013811-50-2	N, N'-divinyl-2-imidazolidinone	no	yes	no	0,05			
613	95905	0013983-17-0	wollastonite	yes	no	no				
614	45560	0014464-46-1	cristobalite	yes	no	no				
615	92080	0014807-96-6	talc	yes	no	no				
616	83470	0014808-60-7	quartz	yes	no	no				
617	10660	0015214-89-8	2-acrylamide-2-methylpropanesulfonic acid	no	yes	no	0,05			
618	51040	0015535-79-2	di-n-octyltin mercaptoacetate	yes	no	no		(10)		
619	50320	0015571-58-1	di-n-octyltin bis (2-ethylhexyl mercaptoacetate)	yes	no	no		(10)		
620	50720	0015571-60-5	di-n-octyltin dimaleate	yes	no	no		(10)		
621	17110	0016219-75-3	5-ethylidenebicyclo [2.2.1] hept-2-en	no	yes	no	0,05			
622	69840	0016260-09-6	oleyl palmitamide	yes	no	yes	5			
623	52640	0016389-88-1	dolomite	yes	no	no				
624	18897	0016712-64-4	6-hydroxy-2-naphthalenecarboxylic acid	no	yes	no	0,05			
625	36720	0017194-00-2	barium hydroxide	yes	no	no				
626	57800	0018641-57-1	glycerol tribehenate	yes	no	no				
627	59760	0019569-21-2	huntite	yes	no	no				
628	96190	0020427-58-1	zinc hydroxide	yes	no	no				
629	34560	0021645-51-2	aluminum hydroxide	yes	no	no				
630	82240	0022788-19-8	1,2-propylene glycol dilaurate	yes	no	no				
631	59120	0023128-74-7	1,6-hexamethylene-bis (3- (3,5-di-tert-butyl-4-hydroxyphenyl) propionamide)	yes	no	yes	45			

632	52880	002367 6-09-7	4-ethoxybenzoic acid, ethyl ester	yes	no	no	3,6			
633	53200	002394 9-66-8	2-ethoxy-2'-ethyloxanilide	yes	no	yes	30			
634	25910	002480 0-44-0	tripropylene glycol	no	yes	no				
635	40720	002501 3-16-5	tert-butyl-4-hydroxyanisole	yes	no	no	30			
636	31500	002513 4-51-4	acrylic acid, acrylic acid, 2-ethylhexyl ester, copolymer	yes	no	no	0,05	(22)	SML expressed as acrylic acid, 2-ethylhexyl ester.	
637	71635	002515 1-96-6	pentaerythritol dioleate	yes	no	no	0,05		It must not be used for articles in contact with fatty food for which the model solution D was prescribed.	
638	23590 76960	002532 2-68-3	polyethylene glycol	yes	yes	no				
639	23651 80800	002532 2-69-4	polypropylene glycol	yes	yes	no				
640	54930	002535 9-91-5	formaldehyde-1-naphthol, copolymer	yes	no	no	0,05			
641	22331	002551 3-64-8	mixture (35-45% m / m) of 1,6-diamino-2,2,4-trimethylhexane and (55-65% m / m) 1,6-diamino-2,4,4-trimethylhexane	no	yes	no	0,05			(10)
642	64990	002573 6-61-2	maleic anhydride-styrene, copolymer, sodium salt	yes	no	no			Fraction with a molecular mass of up to 1 000 Da must not exceed 0,05% (m / m).	
643	87760	002626 6-57-9	sorbitan monopalmitate	yes	no	no				
644	88080	002626 6-58-0	sorbitan trioleate	yes	no	no				
645	67760	002640 1-86-5	mono-n-octyltin tris (isooctyl mercaptoacetate)	yes	no	no		(11)		
646	50480	002640 1-97-8	di-n-octyl tin bis (isooctyl mercaptoacetate)	yes	no	no		(10)		
647	56720	002640 2-23-3	glycerol monohexanoate	yes	no	no				
648	56880	002640 202606	glycerol monooctanoate	yes	no	no				
649	47210	002642 7-07-6	dibutylthiocyanate acid polymer	yes	no	no			Molecular unit = (C8H18S3Sn2) n (n = 1.52).	
650	49600	002663 6-01-1	dimethyl tin bis (isooctyl mercaptoacetate)	yes	no	no		(9)		
651	88240	002665 8-19-5	sorbitan tristearate	yes	no	no				
652	38820	002674 1-53-7	bis (2,4-di-tert-butylphenyl) pentaerythritol diphosphite	yes	no	yes	0,6			
653	25270	002674 7-90-0	2,4-toluene diisocyanate dimer	no	yes	no		(17)	1 mg/kg in the final product expressed as isocyanate group.	(10)
654	88600	002683 6-47-5	sorbitol monostearate	yes	no	no				
655	25450	002689 6-48-0	tricyclodecane dimethanol	no	yes	no	0,05			
656	24760	002691 4-43-2	styrene sulfonic acid	no	yes	no	0,05			

657	67680	002710 7-89-7	mono-n-octyl tin tris (2-ethylhexyl mercaptoacetate)	yes	no	no		(11)		
658	52000	002717 6-87-0	dodecylbenzenesulfonic acid	yes	no	no	30			
659	82800	002719 4-74-7	1,2-propylene glycol monolaurate	yes	no	no				
660	47540	002745 8-90-8	di-tert-dodecyl disulfide	yes	no	yes	0,05			
661	95360	002767 6-62-6	1,3,5-tris (3,5-di-tert-butyl-4-hydroxybenzyl) -1,3,5-triazine-2,4,6 (1H, 3H, 5H)	yes	no	yes	5			
662	25927	002795 5-94-8	1,1,1-tris (4-hydroxyphenol) ethane	no	yes	no	0,005		May be used only in polycarbonates.	(1)
663	64150	002829 0-79-1	linoleic acid	yes	no	no				
664	95000	002893 1-67-1	trimethylolpropane trimethacrylate methyl methacrylate copolymer	yes	no	no				
665	83120	002901 3-28-3	1,2-propilenglikol monopalmitate	yes	no	no				
666	87280	002911 6-98-1	sorbitan dioleate	yes	no	no				
667	55190	002920 4-02-2	gadoleic acid	yes	no	no				
668	80240	002989 4-35-7	polyglycerol ricinoleat	yes	no	no				
669	56610	003023 3-64-8	glycerol monobehenate	yes	no	no				
670	56800	003089 9-62-8	glycerol monolaurate diacetate	yes	no	no		(32)		
671	74240	003157 0-04-4	phosphoric acid, tris (2,4-ditertbutylphenyl) ester	yes	no	no				
672	76845	003183 1-53-5	polyester 1,4-butanediol with caprolactone	yes	No	no		(29) (30)	Fraction with molecular mass up to 1000 Da must not exceed 0,5% (m/m).	
673	53670	003250 9-66-3	ethylene glycol bis [3,3-bis (3-tert-butyl-4-hydroxyphenyl) butyrate]	yes	no	yes	6			
674	46480	003264 7-67-9	dibenzylidene sorbitol	yes	no	no				
675	38800	003268 7-78-8	N, N'-bis (3- (3,5-di-tert-butyl-4-hydroxyphenyl) propionyl) hydrazide	yes	no	yes	15			
676	50400	003356 8-99-9	di-n-octyltartrate bis (isooctyl maleate)	yes	no	no		(10)		
677	82560	003358 7-20-1	1,2-propilenglikol dipalmitate	yes	no	no				
678	59200	003507 4-77-2	1,6-hexamethylene-bis (3- (3,5-di-tert-butyl-4-hydroxyphenyl) propionate)	yes	no	yes	6			
679	39060	003595 8-30-6	1,1-bis (2-hydroxy-3,5-di-tert-butylphenyl) ethane	yes	no	yes	5			
680	94400	003644 3-68-2	triethylene glycol bis [3- (3-tert-butyl-4-hydroxy-5-methylphenyl) propionate]	yes	no	no	9			
681	18310	003665 3-82-4	1-hexadecanol	no	yes	no				
682	53270	003720 5-99-5	ethylcarboxymethylcellulose	yes	no	no				
683	66200	003720 6-01-2	methylcarboxymethylcellulose	yes	no	no				
684	68125	003724 4-96-5	nepheline syenite	yes	no	no				

685	85950	003729 6-97-2	silicic acid, magnesium fluoride sodium fluoride	yes	no	no	0,15		SML expressed as fluoride. Only for application in layers of multilayer materials that do not come into direct contact with food	
686	61390	003735 3-59-6	hydroxymethylcellulose	yes	no	no				
687	13530 13614	003810 3-06-9	2,2-bis (4-hydroxyphenyl) propane bis (phthalic anhydride)	no	yes	no	0,05			
688	92560	003861 3-77-3	tetrakis (2,4-di-tert-butylphenyl) 4,4'-biphenylyl diphosphonate	yes	no	yes	18			
689	95280	004060 1-76-1	1-76-1 1,3,5-tris (4-tert-butil-3-hidroksi- 2,6-dimetilbenzil)-1,3,5-triazin- 2,4,6 (1H,3H,5H)-trion	yes	no	yes	6			
690	92880	004148 4-35-9	thiodiethanol bis (3- (3,5-di-tert-butyl-4-hydroxyphenyl) propionate)	yes	no	yes	2,4			
691	13600	004746 5-97-4	3,3-bis (3-methyl-4-hydroxyphenyl) -2-indolinone	no	yes	no	1,8			
692	52320	005204 7-59-3	2- (4-dodecylphenyl) indole	yes	no	yes	0,06			
693	88160	005414 0-20-4	sorbitan tripalmitate	yes	no	no				
694	21400	005427 6-35-6	methacrylic acid, sulfopropyl ester	no	yes	no	0,05			(1)
695	67520	005484 9-38-6	Monomethyl tin tris (isooctyl mercaptoacetate)	yes	no	no		(9)		
696	92205	005756 9-40-1	terephthalic acid, diester with 2,2'-methylenebis (4-methyl-6-tert-butylphenol)	yes	no	no				
697	67515	005758 3-34-3	Monomethyl tin tris (ethylhexyl mercaptoacetate)	yes	no	no		(9)		
698	49595	005758 3-35-4	dimethyl tin bis (ethylhexyl mercaptoacetate)	yes	no	no		(9)		
699	90720	005844 6-52-9	stearoyl benzoyl methane	yes	no	no				
700	31520	006116 7-58-6	acrylic acid, 2-tert-butyl-6- (3-tert-butyl-2-hydroxy-5-methylbenzyl) -4-methylphenyl ester	yes	no	yes	6			
701	40160	006126	N, N'-bis (2,2,6,6-tetramethyl-4-piperidyl) hexamethylenediamine 1,2-dibromoethane, copolymer	yes	no	no	2,4			
702	87920	006175 2-68-9	sorbitan tetrastearate	yes	no	no				
703	17170	006178 8-47-4	coconut fatty acids	no	yes	no				
704	77600	006178 8-85-0	polyethylene glycol ester of hydrogenated castor oil	yes	no	no				
705	10599/ 90A 10599/ 91	006178 8-89-4	unsaturated fatty acids (C18), dimers, non-hydrogenated, distilled and undistilled	no	yes	no	(18)			(1)
706	17230	006179 0-12-3	fatty acids, tall oil	no	yes	no				
707	38700	006179 0-53-2	the diatomaceous earth	yes	no	no				

708	77520	006179 1-12-6	polyethylene glycol ester of castor oil	yes	no	no	42			
709	87520	006256 8-11-0	sorbitan monobehenate	yes	no	no				
710	38700	006339 7-60-4	bis (2-carbobutoxyethyl) tin bis (isooctyl mercaptoacetate)	yes	no	yes	18			
711	42000	006343 8-80-2	(2-carbobutyloxyethyl) tin tris (isooctyl mercaptoacetate)	yes	no	yes	30			
712	42960	006414 7-40-6	castor oil, dehydrated	yes	no	no				
713	43480	006436 5-11-3 000744 0-44-0	active / charcoal	yes	no	no			Only for use in PET in the maximum amount of 10mg / kg of polymer. The same purity requirements as for plant coal (E 153) should be met in accordance with the existing regulations governing the application of additives with the exception of ash content which may be up to 10% (m / m).	
714	84400	006436 5-17-9	rosin, hydrogenated, pentaerythritol-ester	yes	no	no				
715	46880	006514 0-91-2	3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid, monoethyl ester, calcium saltyes	no	no	6				
716	60800	006544 7-77-0	1- (2-hydroxyethyl) -4-hydroxy-2,2,6,6-tetramethyl piperidine-nitric acid, dimethyl ester, copolymer	yes	no	no	30			
717	84210	006599 7-06-0	rosin, hydrogenated	yes	no	no				
718	84240	006599 7-13-9	rosin, hydrogenated, glycerol ester	yes	no	no				
719	65920	006682 2-60-4	N-methacryloyloxyethyl-N, N-dimethyl-N-carboxymethylammonium chloride, sodium salt octadecyl methacrylate methyl methacrylate cyclohexyl methacrylate N-vinyl-2-pyrrolidone, copolymers	yes	no	no				
720	67360	006764 9-65-4	mono-n-dodecyltin tris (isooctyl mercaptoacetate)	yes	no	no		(25)		
721	46800	006784 5-93-6	3,5-di-tert-butyl-4-hydroxybenzoic acid, hexadecyl ester	yes	no	no				
722	17200	006830 8-53-2	soybean fatty acids,	no	yes	no				
723	88880	006841 2-29-3	starch, hydrolyzed	yes	no	no				
724	24903	006842 5-17-2	hydrogenated hydrolyzed starch syrups,	no	yes	no			It must meet the purity requirements for maltitol syrup E 965 (ii), as established by the Regulation on the	

									use of sweeteners in food ("Official Gazette of BiH", No. 83/08, 18/13 and 68/14).	
726	83599	006844 2-12-6	oleic acid reaction products, 2-mercaptoethyl esters, dichlorodymethyl tin, sodium sulfide and trichloromethyl tin	yes	no	yes		(9)		
727	43360	006844 2-85-3	cellulose, regenerated	yes	no	no				
728	75100	006851 5-48-0 002855 3-12-0	phthalic acid, diesters with primary, saturated (C8-C10) branched alcohols, with more than 60% C9	yes	no	no		(26) (32)	Applies only as: (a) softening in materials and articles for reusable use; (b) softeners in disposable materials and articles which come into contact with non-fatty food, other than infant food and toddler food in accordance with the Regulation on formulas for infants and formulas after breastfeeding or processed cereal-based foods and baby food for infants and young children in accordance with the Regulation on processed cereal and baby food, infants and young children (c) technical support agents in concentrations up to 0.1% in the final product.	
729	75105	006851 5-49-1 002676 1-40-0	phthalic acid, diesters with primary, saturated (C9-C11) alcohols with more than 90% C10	yes	no	no		(26) (32)	Applies only as: (a) softening in materials and articles for reusable use; (b) softeners in disposable materials and articles which come into contact with non-fatty food, other than infant food and toddler food in accordance with the Regulation on formulas for infants and formulas after breastfeeding or processed cereal-based foods and baby food for	

									infants and young children in accordance with the Regulation on processed cereal and baby food, infants and young children (c) technical support agents in concentrations up to 0.1% in the final product.	
730	66930	006855 4-70-1	methylsiloxioxane	yes	no	no			Remaining monomer in methylsiloxioxane: <1 mg methyl trimethoxylan / kg methylsiloxioxane	
731	18220	006856 4-88-5	N-heptylaminosulfonic acid	no	yes	no	0,05			(2)
732	45450	006861 0-51-5	p-cresol-dicyclopentadiene-isobutylene, copolymer	yes	no	yes	5			
733	10559/ 92A 10599/ 93	006878 3-41-5	hydrogenated, unsaturated fatty acids, (C18), dimers, distilled and undistilled	no	yes	no		(18)		(1)
734	46380	006885 5-54-9	diatomaceous earth, calcined soda	yes	no	no				
735	40120	006895 1-50-8	bis (polyethylene glycol) hydroxymethyl phosphonate	yes	no	no	0,6			
736	50960	006922 6-44-4	di-n-octyl tin ethylene glycol bis (mercaptoacetate)	yes	no	no		(10)		
737	77370	007014 2-3406	polyethylene glycol-30 dipolohydroxystearate	yes	no	no				
738	60320	007032 1-86-7	2- [2-hydroxy-3,5-bis (1,1-dimethylbenzyl) phenyl] benzotriazole	yes	no	yes	1,5			
739	70000	007033 1-94-1	2,2'-oxamide bis [ethyl-3- (3,5-di-tert-butyl-4-hydroxyphenyl) propionate]	yes	no	no				
740	81200	007187 8-19-8	poly [6 - [(1,1,3,3-tetramethylbutyl) amino] -1,3,5-triazine-2,4-diyl] - [(2,2,6,6-tetramethyl-4-piperidyl) imino] hexamethylene [(2,2,6,6-tetramethyl-4-piperidyl) imino]	yes	no	yes	3			
741	24070 83610	007313 8-82-6	resins and rosin acids	yes	yes	no				
742	92700	007830 1-43-6	2,2,4,4-tetramethyl-20- (2,3-epoxypropyl) -7-oxa-3,20-diazadispiro- (5.1.11.2) heneicosane-21-on, polymer	yes	no	yes	5			
743	38950	007907 2-96-1	bis (4-ethylbenzylidene) sorbitol	yes	no	no				
744	18888	008018 1-31-3	3-hydroxybutanoic acid-3-hydroxypentanoic acid, copolymer	no	yes	no			The substance is used as a product obtained by bacterial fermentation, in accordance with the specifications listed in Annex I. Table 4.	

745	68145	008041 0-33-9	2,2 ', 2 "-nitrile (triethyl tris (3,3', 5,5'-tetra-tert-butyl-1,1'-biphenyl-2,2'-diyl) phosphite)	yes	no	yes	5		SML expressed as sum of phosphites and phosphates.	
746	38810	008069 3-00-1	bis (2,6-di-tert-butyl-4-methylphenyl) pentaerythritol diphosphite	yes	no	yes	5		SML expressed as sum of phosphites and phosphates.	
747	47600	008403 0-61-5	di-n-dodecyl tin bis (isooctyl mercaptoacetate)	yes	no	yes		(25)		
748	12765	008443 4-12-8	N- (2-aminoethyl) -β-alanine, sodium salt	no	yes	no	0,05			
749	66360	008520 9-91-2	2,2'-methylene bis (4,6-di-tert-butylphenyl) sodium phosphate	yes	no	yes	5			
750	66350	008520 9-93-4	2,2'-methylene bis (4,6-di-tert-butylphenyl) lithium phosphate	yes	no	no	5			
751	81515	008718 9-25-1	poly (zinc glycerol)	yes	no	no				
752	39890	008782 6-41-3 00691 58-41-4 00546 86-97-4 00815 41-12-0	bis (methylbenzylidene) sorbitol	yes	no	no				
753	62800	009270 4-41-1	kaolin, limestone	yes	no	no				
754	56020	009988 0-64-5	glycerol dibehenate	yes	no	no				
755	21765	010624 6-33-7	4,4'-methylenebis (3-chloro-2,6-diethanyl)	no	yes	no	0,05			(1)
756	40020	011055 3-27-0	2,4-bis (octylthiomethyl) -6-methylphenol	yes	no	yes		(24)		
757	95725	011063 8-71-6	vermiculite, a reaction product with citric acid, lithium salt	yes	no	no				
758	38940	011067 5-26-8	2,4-bis (dodecylthiomethyl) -6-methylphenol	yes	no	yes		(24)		
759	54300	011833 7-09-0	2,2'-ethylenedibis (4,6-di-tert-butylphenyl) fluorophosphonates	yes	no	yes	6			
760	83595	011934 5-01-6	A reaction product of di-tertbutylphosphonite with biphenyl obtained by condensation of 2,4-ditert-butylphenol with phosphoric trichloride and biphenyl obtained as a reaction product of Friedel Craft reaction.	yes	no	no	18		Composition: - 4,4'-biphenylene bis [0,0bis (2,4-di-tert-butylphenyl) phosphonite] (CAS No 0038613-77-3) (36-46% m / (CAS No. 0118421-00-4) (17-23% m / m (*)), - 4,3'-biphenylene bis [0,0bis (2,4-di-tert -butylphenyl) (CAS No. 0118421-01-5) (1-5% m / m (*)), - 3, 3'-biphenylene bis (0.0 bis (2,4- 4-biphenylene-0.0-bis (2,4-di-tert-butylphenyl) phosphonate (CAS No. 0091362-37-7) (11-19% m / tertbutylphenyl) phosphite (CAS No	

									0031570-04-4) (9-18% m / m (*)), - 4,4'-biphenylene-0,0bis (2,4-di-tert-butylphenyl) phosphonate- 0- bis (2,4-ditert-butyphenyl) phosphonates (CAS No 0112949-97-0) (<5% m / m (*)). (*) Amount of the substance / formulation used. Other specifications: - Content of phosphorus min. 5.4% to max. 5.9%, - Acid number max. 10 mg KOH / g, - Melting point 85-110 ° C.	
761	92930	0120218-34-0	thiodiethanol bis (5-methoxycarbonyl-2,6-dimethyl-1,4-dihydropyridine-3-carboxylate)	yes	no	no	6			
762	31530	0123968-25-2	acrylic acid, 2,4-di-tert-pentyl-6-(1- (3,5-di-tert-pentyl-2-hydroxyphenyl) ethyl) phenyl ester	yes	no	yes	5			
763	39925	0129228-21-3	3,3-bis (methoxymethyl) -2,5-dimethyl hexane	yes	no	yes	0,05			
764	13317	0132459-54-2	N, N'-bis [4- (ethoxycarbonyl) phenyl] -1,4,5,8-naphthalenetetracarboxyimide	no	yes	no	0,05		Purity> 98.1% (m / m). It is used only as a comonomer (up to 4%) for polyesters (PET, PBT).	
765	49485	0134701-20-5	2,4-dimethyl-6- (1-methylpentadecyl) phenol	yes	no	yes	1			
766	38879	0135861-56-2	bis (3,4-dimethylbenzylidene) sorbitol	yes	no	no				
767	38510	0136504-96-6	1,2-bis (3-aminopropyl) ethylenediamine, a polymer with N-butyl-2,2,6,6-tetramethyl-4-piperidinamine and 2,4,6-trichloro-1,3,5-triazine	yes	no	no	5			
768	34850	0143925-92-2	amines, bis (alkyl-hydrogenated tallow) oxidized	yes	no	no			It must not be used for articles in contact with fatty foods for which the model solution D is prescribed. It is used only in: (a) polyolefin at 0.1% (m / m) concentration and (b) PET at 0.25 % (m / m) of concentration	(1)
769	74010	0145650-60-8	phosphoric acid, bis (2,4-ditertbutyl-6-methylphenyl) ethyl ester	yes	no	no	5		SML expressed as sum of phosphites and phosphates.	
770	51700	0147315-50-2	2- (4,6-diphenyl-1,3,5-triazin-2-yl) -5- (hexyloxy) phenol	yes	no	no	0,05			

771	34650	015184 1-65-5	aluminum hydroxyl bis [2,2'-methylenebis (4,6-di-tert-butylphenyl) phosphate]	yes	no	no	5			
772	47500	015325 0-52-3	N'-dicyclohexyl-2,6-naphthalenecarboxamide	yes	no	no	5			
773	38840	015486 2-43-8	bis (2,4-dithiophenyl) pentaerythritol diphosphite	yes	no	yes	5		SML expressed as the sum of the substance itself, its oxidized form of bis (2,4-dicumylphenyl) pentaerythritol phosphate and its hydrolysis product (2,4-dikumylphenol).	
774	95270	016171 7-32-4	2,4,6-tris (tert-butyl) phenyl 2-butyl-ethyl-1,3-propanediol phosphite	yes	no	yes	2		SML expressed as sum of phosphites, phosphates and hydrolysis products = TTBP.	
775	45705	016641 2-78-8	1,2-cyclohexanecarboxylic acid, diisononyl ester	yes	no	no		(32)		
776	76723	016788 3-16-1	polydimethylsiloxane, 3-aminopropyl with terminal groups, a dicyclohexylmethane-4,4'diisocyanate polymer	yes	no	no			Fraction with a molecular mass up to 1 000 Da must not exceed 1.5% (m / m).	
777	31542	017425 4-23-0	acrylic acid, telomer methyl ester with 1-dodecanthio, C16-C18 alkyl esters	yes	no	no			0,5% in the final product.	(1)
778	71670	017867 1-58-4	pentaerythritol tetrakis (2-cyano-3,3-diphenylacrylate)	yes	no	yes	0,05			
779	39815	018218 1-12-6	9,9-bis (methoxymethyl) fluorene	yes	no	yes	0,05			(1)
780	81220	019226 8-64-7	poly [[6- [N- (2,2,6,6-tetramethyl-4-piperidinyl) n-butylamino] -1,3,5-triazine-2,4-diyl] (2,2,6,6-tetramethyl-4-piperidinyl) imino]] - 1,6-hexanediyl- [(2,2,6,6-tetramethyl-4-piperidinyl) imino]] - [N-, N, N ', N'-tetrabutyl-N " (2,2,6,6-tetramethyl-4-piperidinyl) -N "-[6- (2,2,6,6-tetramethyl-4-piperidinylamino) hexyl] [1,3,5-triazine-2,4 , 6-triamin] omega-N, N, N ', N'-tetrabutyl-1,3,5-triazine-2,4-diamine	yes	no	no	5			
781	95265	022709 9-60-7	1,3,5-tris (4-benzoylphenyl) benzene	yes	no	no	0,05			
782	76725	066147 6-41-1	polydimethylsiloxane, 3aminopropyl with terminal groups, a 1-isocyanate-3-isocyanatomethyl-3,5,5-trimethylcyclohexane polymer	yes	no	no			Fraction with molecular mass up to 1 000 Da must not exceed 1% (m/m).	
783	55910	073615 0-63-3	monoglycerides, castor oil, hydrogenated, acetates	yes	no	no		(32)		
784	95420	074507 0-61-5	1,3,5-tris (2,2-dimethylpropanamido) benzene	yes	no	no	5			
785	24910	000010 0-21-0	terephthalic acid	no	yes	no		(28)		
786	14627	000011 7-21-5	3-chlorophthalic anhydride	no	yes	no	0,05		SML expressed as 3-chlorophthalic acid.	

787	14628	000011 8-45-6	4-chlorophthalic anhydride	no	yes	no	0,05		SML expressed as 4-chlorophthalic acid.	
788	21498	000253 0-85-0	[3- (methacryloxy) propyl] trimethoxysilane	no	yes	no	0,05		Only for use as a surface treatment agent for inorganic fillers.	(1) (11)
789	60027	-	Hydrogenated homopolymers and / or copolymers produced from 1-hexene and / or 1-octene and / or 1-decene and / or 1-dodecene and / or 1-tetradecene (molecular mass 440-12000)	yes	no	no		(2)	An average molecular weight of at least 440 Da. Viscosity at 100 ° C at least 3.8 cSt (3.8 × 10-6 m2 / s).	
790	80480	009075 1-07-8 008245 1-48-7	poly (6-morpholino-1,3,5-triazine-2,4-diyl) - [(2,2,6,6-tetramethyl-4-piperidyl) imino)] hexamethylene [(2,2,6,6-tetramethyl -4-piperidyl) imino)]	yes	no	no	5		An average molecular weight of at least 2 400 Da. The remaining content of morpholine ≤ 30 mg / kg, of N, N'bis (2,2,6,6-tetramethylpiperidin-4-yl) hexane-1,6-diamine <15,000 mg / kg, and of 2,4-dichloro-6-morpholino- 3,5-triazine ≤ 20 mg / kg.	(16)
791	92470	010699 0-43-6	N, N ', N ", N" -tetrakis (4,6-bis (Nbutyl- (N-methyl-2,2,6,6-tetramethylpiperidin-4-yl) amino) triazin-2-yl) - diazadekan1,10-diamine	yes	no	no	0,05			
792	92475	020325 5-81-6	3,3'5,5'-tetrakis (tert-butyl) - 2,2'-dihydroxybiphenyl, cyclic ester of [3- (3-tert-butyl-4-hydroxy-5methylphenyl) propyl] oxyphosphonic acid	yes	no	yes	5		SML is expressed as the sum of phosphite and phosphate forms of substances and hydrolysis products.	
793	94000	000010 2-71-6	triethanolamine	yes	no	no	0,05		SML expressed as sum of triethanolamine and triethanolamine hydrochloride expressed as triethanolamine	
794	18117	000007 9-14-1	glycolic acid	no	yes	no			Only for use in the production of polyglycolic acid (PGA) and for indirect contact with food behind polyesters, such as polyethylene terephthalate (PET) or polylactic acid (PLA), and ii. direct contact with food after mixing PGA up to 3% w / w in PET or PLA.	

795	40155	012417 2-53-8	N, N'-bis (2,2,6,6-tetramethyl-4-piperidyl) -N, N'-diformylhexamethylenediamine	yes	no	no	0,05			(2) (12)
796	72141	001860 0-59-4	2,2 '- (1,4-phenylen) bis [4H-3,1-benzoxazin-4-on]	yes	no	yes	0,05		SML which includes the sum of its hydrolysis products.	
797	76807	007301 8-26-5	Polyester of adipic acid with 1,3-butanediol, 1,2-propandiol and 2-ethyl-1-hexanol	yes	no	yes		(31) (32)		
798	92200	000642 2-86-2	terephthalic acid, bis (2-ethylhexyl) ester	yes	no	no	60	(32)		
799	77708		polyethylene glycol (EO = 1-50) ethers of linear and branched primary (C8-C22) alcohols	yes	no	no	1,8		In accordance with the maximum permitted percentage of ethylene oxide as established by the criteria for purity for food additives in the Regulation on amendments to the Regulation on the use of sweeteners in food ("Official Gazette of BiH", No 18/13).	
800	94425	000086 7-13-0	triethyl phosphonoacetate	yes	no	no			Only to be applied in PET.	
801	30607	-	lithium salt of aliphatic, linear, monocarboxylic acids, (C2-C24, natural oils and fats	yes	no	no				
802	33105	014634 0-15-0	secondary, β- (2-hydroxyethoxy), ethoxylated alcohols, (C12-C14)	yes	no	no	5			
803	33535	015226 1-33-1	α-alkene (C20-C24) copolymer with maleic anhydride, reaction product with 4-amino-2,2,6,6-tetramethylpiperidine	yes	no	no			It is not intended for articles in contact with the fatty foods for which the model solution D is prescribed. It is not intended for use in contact with alcoholic food.	(13)
804	80510	101012 1-89-7	poly (3-nonyl-1,1-dioxo-1-thiopropane-1,3-diyl) -block poly (xoleyl-7-hydroxy-1,5-diamino-octane-1,8-diyl), process mixture s x = 1 and / or 5, neutralized with dodecylbenzenesulfonic acid	yes	no	no			Only for use as an enhancer in the production of polymers in polyethylene (PE), polypropylene (PP) and polystyrene (PS).	
805	93450	-	titanium dioxide, coated with copolymers of octyl trichlorosilane and [aminotris (methylene phosphonic acid), penta sodium salt]	yes	no	no			The amount of copolymer for surface treatment of coated titanium dioxide should not exceed 1% m / m.	
806	14876	000107 6-97-7	1,4-cyclohexanecarboxylic acid	no	yes	no	5		Only to be applied in production of polyesters.	
807	93485	-	titanium nitride, nano particles	yes	no	no			No migration of titanium nitride nano particles is permitted. Only for	

									use in polyethylene terephthalate (PET) up to 20 mg / kg. In PET agglomerates have a diameter of 100-500 nm and consist of primary nano particles of titanium nitride; Primary particles have a diameter of approximately 20 nm.	
808	38550	088207 3-43-0	bis (4-propylbenzylidene) propylsorbitol	yes	no	no	5		SML which includes the sum of its hydrolysis products	
809	49080	085228 2-89-4	N- (2,6-diisopropylphenyl) -6- [4- (1,1,3,3-tetramethylbutyl) phenoxy] -1H-benzo [de] isoquinoline-1,3 (2H) -dione	yes	no	yes	0,05		Only for use in PET.	(6) (14) (15)
810	68119		diesters and monoesters of neopentyl glycol, with benzoic acid and 2-ethylhexanic acid	yes	no	no	5	(32)	It must not be used for articles in contact with the fatty food for which the model solution D is prescribed.	
811	80077	006844 1-17-8	polyethylene waxes, oxidized	yes	no	no	60			
812	80350	012457 8-12-7	poly (12-hydroxystearic acid) polyethyleneimin copolymer	yes	no	no			Only for use in plastic materials up to 0.1% w / w. Prepared by reaction of poly (12-hydroxystearic acid with polyethylenimin.	
813	91530	-	sulfosuccinic acid, alkyl (C4-C20) or cyclohexyl diesters, salts	yes	no	no	5			
814	91815	-	sulfo-amino acid monoalkyl (C10-C16) polyethylene glycol esters, salts	yes	no	no	2			
815	94985	-	mixture of triesters and trimethylolpropane diester, with benzoic acid and 2-ethylhexanoic acid	yes	no	no	5	(32)	It must not be used for objects in contact with the fatty food for which the model solution D is prescribed.	
816	45704	-	cis-1,2-cyclohexanecarboxylic acid, salts	yes	no	no	5			
817	38507	-	cis-endo-bicycle[2.2.1] heptane-2,3-dicarboxylic acid, salts	yes	no	no	5		It must not be used with polyethylene in contact with acidic foods. Purity - ≥ 96%.	
818	21530	-	methylsulfonic acid, salts	no	yes	no	5			
819	68110	-	neodecanoic acid salts,	yes	no	no	0,05		It must not be used in polymers in contact with fatty food. It must not be used for articles in contact with fatty foods for which the model solution D is prescribed. SML is	

									expressed as neodecanoic acid.	
820	76420	-	salts of pimalin acid,	yes	no	no				
821	90810	-	stearoyl-2-lactylic acid salt,	yes	no	no				
822	71938	-	perchloric acid, salts	yes	no	no	0,05			(4)
823	24889	-	5-sulfoisophthalic acid, salts	no	yes	no	5			
854	71943	032923 8-24-6	perfluoroacetic acid, α-substituted with a perfluoro-1,2-propylene glycol copolymer and perfluoro-1,1-ethylene glycol with chlorohexafluoropropyloxy terminal groups	yes	no	no			Only for use in concentrations up to 0.5% w / w in polymerization of fluoropolymer at processing temperatures of or above 340 ° C and intended for use in reusable articles.	
855	40560		copolymer (of butadiene, styrene, methyl methacrylate) cross-linked with 1,3-butanediol dimethacrylate	yes	no	no			Only for use in hard poly (vinyl chloride) (PVC) at concentrations of up to 12% at room temperature or lower.	
856	40563		copolymer (of butadiene, styrene, methyl methacrylate, butyl acrylate) cross-linked with divinylbenzene or 1,3-butanediol dimethacrylate	yes	no	no			Only for use in hard poly (vinyl chloride) (PVC) at concentrations of up to 12% at room temperature or lower.	
857	66765	003795 3-21-2	copolymer (methyl methacrylate, butyl acrylate, styrene, glycidyl methacrylate)	yes	no	no			Only for use in hard poly (vinyl chloride) (PVC) at a concentration of no more than 2% at room temperature or lower.	
858	38565	009049 8-90-1	3,9-bis [2- (3- (3-tert-butyl-4-hydroxy-5-methylphenyl) propionyloxy) -1,1-dimethylethyl] 2,4,8,10-tetraoxaspiro [5.5] undecane	yes	no	yes	0,05		SML expressed as a sum of substances and its oxidation product of 3 - [(3- (3-tertbutyl-4-hydroxy-5-methylphenyl) prop-2enhyloxy) -1,1-dimethylethyl] - 9 - [(3- (3- tert - butyl- -hydroxy-5-methylphenyl) propionyloxy) -1,1-dimethylethyl] - 2,4,8,10-tetraoxaspiro [5.5] ukdekan in equilibrium with its paraquinone metide tautomer.	(2)
859			(butadiene, ethyl acrylate, methyl methacrylate, styrene) copolymer cross-linked with divinylbenzene, in nano-shape	yes	no	no			Only for use as particles in unplasticized PVC with a content of not more than 10% m / m in contact with all types of	

									food at room or lower temperature, including long-term storage. If used together with substance FCM no. 998 and / or substances under FCM no. 1043, the limit of 10% m / m is applied to the sum of these substances. The particle diameter is greater than 20 nm and is at least 95% particle diameter greater than 40 nm.	
860	71980	005179 8-33-5	perfluoro[2-(poli(n-propoksi)) propanoic acid]	yes	no	no			Only for use in the polymerization of fluoropolymers at processing temperatures of or above 265 ° C and intended for use in reusable articles.	
861	71990	001325 2-13-6	perfluoro [2- (n-propoxy) propanoic acid]	yes	no	no			Only for use in the polymerization of fluoropolymers which are processed at temperatures of or above 265 ° C and are intended for use in reusable articles.	
862	15180	001808 5-02-4	3,4-diacetoxy-1-butene	no	yes	no	0,05		SML includes the product of hydrolysis of 3,4-dihydroxy-1-butene. Only for use as comonomer for ethyl vinyl alcohol copolymers (EVOH) and polyvinyl alcohol (PVOH).	(17) (19)
863	15260	000064 6-25-3	1,10-decane diamine	no	yes	no	0,05		Only for use as a comonomer for the production of polyamide products for reuse in contact with aqueous, acidic and dairy food at room temperature or for short-term contact at the highest temperature of 150 ° C.	
864	46330	000005 6-06-4	2,4-diamino-6-hydroxypyrimidine	yes	no	no	5		Only for use in solid poly (vinyl chloride) (PVC) in contact with non-acid and	

									non-alcoholic watery food.	
865	40619	002532 2-99-0	(butyl acrylate, methyl methacrylate, butyl methacrylate) copolymer	yes	no	no			Only for use in (a) solid poly (vinyl chloride) (PVC) at the highest concentration of 1% w / w; (b) polylactic acid (PLA) at a maximum concentration of 5% m/m.	
866	40620	-	(butyl acrylate, methyl methacrylate) copolymer, cross-linked with allyl methacrylate	yes	no	no			Only for use in solid poly (vinyl chloride) (PVC) in the maximum amount of 7%.	
867	40815	004047 1-03-2	(butyl methacrylate, ethyl acrylate, methyl methacrylate) copolymer	yes	no	no			Only for use in solid poly (vinyl chloride) (PVC) in the maximum amount of 2%.	
868	53245	000901 0-88-2	(ethyl acrylate, methyl methacrylate) copolymer	yes	no	no			Only for use in: (a) Solid poly (vinyl chloride) (PVC) at a maximum concentration of 2% m/m; (b) polylactic acid (PLA) at a maximum concentration of 5% m/m; (c) polyethylene terephthalate (PET) at a maximum concentration of 5% m/m.	
869	66763	002713 6-15-8	(butyl acrylate, methyl methacrylate, styrene) copolymer	yes	no	no			Only for use in solid poly (vinyl chloride) (PVC) in the maximum amount of 3%.	
870	95500	016053 5-46-6	N, N ', N "-tris (2-methylcyclohexyl) -1,2,3-propanetricarboxamide	yes	no	no	5			
872		000660 7-41-6	2-phenyl-3,3-bis (4-hydroxyphenyl) phthalimidine	no	yes	no	0,05		For use only as a comonomer in polycarbonate copolymers.	(20)
873	93460		titanium dioxide which reacted with octyl-triethoxysilane	yes	no	no			Reaction product of titanium dioxide with up to 2% w / w octyltriethoxysilane for surface treatment at high temperatures	
874	16265	015606 5-00-8	α-dimethyl-3- (4'-hydroxy-3'-methoxyphenyl) propyloxy, ω-3d-methyl-3- (4'-hydroxy-3'-methoxyphenyl) propylsilyl polydimethysilane	no	yes	no	0,05	(33)	Only for use as a comonomer in siloxane modified polycarbonate. The oligometric mixture must be characterized by the following	

									formula: C24 H38Si2O5 (SiOC2H6) n (50> n ≥ 26).	
875	80345	005812 8-22-6	poly (12-hydroxystearic acid) stearate	yes	no	yes	5			
878	31335	-	fatty acids esters (C8-C22) from animal or vegetable fats and oils with branched, aliphatic, monohydric, saturated, primary alcohols (C3-C22)	yes	no	no				
879	31336	-	fatty acids esters (C8-C22) from animal or vegetable fats and oils with linear, aliphatic, monohydric, saturated, primary alcohols (C1-C22)	yes	no	no				
880	31348		fatty acid esters, (C8-C22), with pentaerythritol	yes	no	no				
881	25187	000301 0-96-6	2,2,4,4-tetramethylcyclobutan-1,3-diol	no	yes	no			Only for: (a) reusable objects for long-term storage at room or lower temperature and for hot charging; (b) materials and articles for single use as the comonomer with the highest level of use of the molar ratio of the diol of the polyester component to 35% and if such materials and articles for long-term storage at room or lower temperature of all types of food with an alcohol content of not more than 10% and for which in Table 2 of Annex III. the model solution D2 was not determined. Hot-charging conditions are permitted for such materials and disposable articles.	
882	25872	000241 6-94-6	2,3,6-trimethylphenol	no	yes	no	0,05			
883	22074	000445 7-71-0	3-methyl-1,5-pentanediol	no	yes	no	0,05		Only for application in materials in contact with food in the ratio of surface to mass up to 0.5 dm2 / kg	
884	34240	009108 2-17-6	alkyl (C10-C21) sulfonic acid esters, with phenol	yes	no	no	0,05		It must not be used for articles in contact with the fatty food for which	

									the model solution D is prescribed.	
885	45676	026324 4-54-8	cyclic oligomers (butylene terephthalate)	yes	no	no			Only for use in poly (ethylene terephthalate) (PET), [poly (butylene terephthalate)] (PBT), polycarbonate (PC), polystyrene (PS) and solid poly (vinyl chloride) (PVC) to 1% m / m, in contact with watery, acidic and alcoholic foods, for long-term storage at room temperature.	
894	933360	001654 5-54-3	thiodipropionic acid ditetradecyl ester	yes	no	no		(14)		
895	47060	017109 0-93-0	3- (3,5-di-tert-butyl-4-hydroxyphenyl) propionic acid, esters with C13-C15 branched and linear alcohols	Yes	no	no	0,05		Only for use in polyolefins in contact with food except with fatty / high alcohol content and dairy products.	
896	71958	095844 5-44-8	3H-perfluoro-3 - [(3-methoxypropoxy) propionic acid], ammonium salt	yes	no	no			Only for use in the polymerization of fluoropolymers when: - treated at a temperature higher than 280 ° C for at least 10 minutes, - processed at a temperature of more than 190 ° C to 30% w / w in mixtures with polyoxymethylene polymers and intended for reusable products .	
902		000012 8-44-9	1,2-benzisothiazol-3 (2H) -one 1,1-dioxide, sodium salt	yes	no	no			The substance must comply with the specific purity criteria of the Regulation on the use of food additives.	
903		37486-69-4	2H-perfluoro - [(5,8,11,14-tetramethyl) tetraethyleneglycol ethyl propyl ether]	yes	no	no			Only for use as an improvement agent in the manufacture of polymers in the fluoropolymer polymerization process intended for: (a) materials and articles for reusable or single use in sintering or production (not sintering) at a	

									temperature of 360 ° C or higher for at least 10 minutes or higher temperatures during equally shorter periods; (b) reusable materials and articles in production (not synthesized) at temperatures between 300 ° C and 360 ° C for at least 10 minutes.	
923	39150	000012 0-40-1	N, N-bis (2-hydroxyethyl) dodecanamide	yes	no	no	5		The amount of residual diethanolamine in the plastic materials as impurities and degradable substance product must not cause diethanolamine migration greater than 0.3 mg / kg of food.	
924	94987		trimethylolpropane mixed triesters and diesters with n-octane and n-decanoic acid	yes	no	no	0,05		Only for use in PET in contact with all types of food, except in the case of fatty foods, high-alcohol content foods and dairy products.	
926	71955	090802 0-52-0	perfluoro [(2-ethoxyethoxy)] acetic acid, ammonium salt	yes	no	no			Only for use in polymerization of a fluoropolymers which are treated for at least 10 minutes at a temperature higher than 300 ° C.	
969		24937-78-8	copolymer wax of ethylene-vinyl acetate	yes	no	no			Only for use as a polymer additive up to 2% m/m in polyolefins. Migration of a low oligomeric fraction of molecular weight below 1000 Da does not exceed 5 mg / kg of food.	
971	25885	000245 9-10-1	trimethyl trimellites	no	yes	no			Only for use as a comonomer up to 0,35% w / w for production of modified polyesters intended for use in contact with watery and dry food which does not contain any free fat on the surface.	(17)

972	45197	0012158-74-6	copper hydroxide phosphate	yes	no	no				
973	22931	0019430-93-4	(perfluorobutyl) ethylene	no	yes	no			Only for use as a comonomer up to 0.1% w / w in the polymerization of fluoropolymers sintered at high temperatures	
974	74050	939402-02-5	phosphoric acid, a mixture of 2,4-bis (1,1-dimethylpropyl) phenyl and 4 (1,1-dimethylpropyl) phenyl triesters	yes	no	yes	5		SML is expressed as the sum of the phosphite and phosphate form of the substance and the 4-t-amylphenol hydrolysis product. The migration of 2,4-di-tamylphenol hydrolysis product should not exceed 0.05 mg / kg.	
979	79987		(polyethylene terephthalate, hydroxylated polybutadiene, pyromelytic anhydride), copolymer	yes	no	no			Only for use in polyethylene terephthalate (PET) at a maximum concentration of 5% m/m.	
988		3634-83-1	1,3-bis (isocyanatomethyl) benzene	no	yes	no	(34)		SML (T) is applied to the migration of its hydrolysis product, i.e. 1,3-benzendimethanamine. For use only as a comonomer in production of an inter-medium layer coating on polymer foil made of poly(ethylene terephthalate) in a multilayer foil.	
998			(butadiene, ethyl acrylate, methyl methacrylate, styrene) unmeshed copolymer, in nano-shape	yes	no	no			Only for use as particles in unplasticised PVC with a content of not more than 10% m / m in contact with all types of food at room or lower temperature, including long-term storage. If used together with substance FCM no. 859 and / or substances under FCM no. 1043, a limit of 10% m / m is applied to the sum of these substances. The particle diameter is greater than 20 nm and at least 95% of particles are in	

									diameter larger than 40 nm.	
1017		25618-55-7	polyglycerol	yes	no	no			For processing under conditions preventing decomposition and up to a temperature of 275 ° C.	
1043			(butadiene, ethyl acrylate, methyl methacrylate, styrene) copolymer cross-linked with 1,3-butanediol dimethacrylate, in nano-shape	yes	no	no			Only for use as particles in unplasticised PVC with a content of not more than 10% m / m in contact with all types of food at room or lower temperature, including long-term storage. If used together with substance FCM no. 859 and / or substances under FCM no. 998, a limit of 10% m / m is applied to the sum of these substances. The particle diameter is larger than 20 nm and at least 95% of particles of particles are in diameter larger than 40 nm.	

Group limitations of substances

Table 2. contains the following information on group limitations of substances:

Column 1. (No. of group limitation): contains the identification number of the substance to which the group limitation applies. That is the number named in this Annex Table 1. column 9.

Column 2. (No. FCM of the substance): contains the unique identification number of the substance to which the group limitation applies. That is the number named in this Annex Table 1. column 1.

Column 3. (SML(T) (mg/kg)): contains the specific migration limit in total for sum of substances which applies to the group. It is expressed in mg of substance on kg food. Expression ND points that the substance does not migrate in quantities that can be proved.

Column 4. (Specification of group limitation): contains the remark of the substance whose molecular mass constitutes the base for expression of results.

Table 2.

1.	2.	3.	4.
No. of group limitation	FCM No. of the substance	SML(T) (mg/kg)	Specification of group limitation
1	128 211	6	expressed as acetaldehyde
2	89 227 263	30	expressed as ethylene glycol
3	234 248	30	expressed as maleic acid
4	212 435	15	expressed as caprolactam
5	137 472	3	expressed as sum of substances
6	412 512 513 588	1	expressed as iodine
7	19 20	1,2	expressed as tertiary amine
8	317 318 319 359 431 464	6	expressed as sum of substances
9	650 695 697 698 726	0,18	expressed as tin
10	28 29 30 31 32 33 466 582 618 619 620 646 676 736	0,006	expressed as tin
11	66 645 657	1,2	expressed as tin
12	444 469 470	30	expressed as sum of substances
13	163 285	1,5	expressed as sum of substances
14	294 368 894	5	Expressed as sum of substances and their oxidation products
15	98 196 344	15	expressed as formaldehyde
16	407 583 584 599	6	expressed as boron without questioning the provisions of the Regulation on health safety of drinking water
17	4 167	ND	expressed as isocyanate group

	169 198 274 354 372 460 461 475 476 485 490 653		
18	705 733	0,05	expressed as sum of substances
19	505 516 519	10	Expressed as SO2
20	290 386 390	30	expressed as sum of substances
21	347 349	5	expressed as trimelic acid
22	70 147 176 218 323 325 365 371 380 425 446 448 456 636	6	expressed as acrylic acid
23	150 156 181 183 184 355 370 374 439 440 447 457 482	6	expressed as methacrylic acid
24	756 758	5	expressed as sum of substances
25	720 747	0,05	sum of mono-n-dodecyl tin tris(isooctyl mercaptoacetate), din-dodecyl tin bis (isooctyl mercaptoacetate), mono-dodecyl tin trichloride and di-dodecyl tin dichloride) expressed as sum of mono- and di-dodecyl tin chloride
26	728 729	9	expressed as sum of substances
27	188 291	5	expressed as isophthalic acid
28	191 192 785	7,5	expressed as terephthalic acid

29	342 672	0,05	expressed as sum of 6-hydroxyhexanonic acids and caprolactams
30	254 344 672	5	expressed as 1,4-butanediol
31	73 797	30	expressed as sum of substances
32	8 72 73 138 140 157 159 207 242 283 532 670 728 729 775 783 797 798 810 815	60	expressed as sum of substances
33	180 874	ND	expressed as eugenol
34	421 988	0,05	expressed as 1,3-benzendimethanamine.

3. Remarks on certificate of conformity

Table 3. contains the following information in relation with remarks on certificate of conformity:

Column 1. (remark No.): contains identification number of a remark. It is the number given in this Annex Table 1. column 11.

Column 2. (remark on certificate of conformity): contains rules which should be abided by when examining the conformity of an individual substance with specific migration limits or other limitations or contains remarks on cases when there is a danger of incompatibility.

Table 3.

Remark No.	Remarks on conformity check
1	Certificate of conformity by residual content for surfaces which come into contact with certain food (QMA) until an analytical method is established.
2	There is a risk of possible exceeding of SML or OML in fat model solutions.
3	There is a danger that migration of substances will change the organoleptic properties of food in contact and that then the final product is not in conformity with the Regulation with respect to fulfillment of general conditions.
4	Examination of conformity in contact with fats should be carried out with application of saturated fatty model solutions, such as D2 model solution.
5	Examination of conformity in contact with fats should be carried out with application of isooctane as a substitute for model D2 (unstable).
6	The migration limit could be exceeded at very high temperatures.
7	If a food test is carried out, Annex V, item 1.4 is taken into account.

8	Certificate of conformity by residual content for all surfaces which come into contact with food (QMA); QMA = 0.005 mg / 6 dm².
9	Certificate of conformity by residual content for all surfaces which come into contact with food (QMA) until an analytical method for migration testing is established. The surface ratio to the amount of food must be less than 2 dm / kg.
10	Certificate of conformity by residual content for all surfaces which come into contact with food (QMA) in case of reaction with food or model solution.
11	Only the analysis method is available to determine the remaining monomer in the processed fillers.
12	There is a risk of exceeding SML from polyolefins.
13	Only the method for determining the content in the polymer and the method for determining the input raw-materials in the model solutions are available.
14	There is a risk of exceeding SML from plastic masses containing the substance in more than 0.5% m / m.
15	There is a risk of exceeding SML in contact with high alcohol content foods.
16	There is a risk of overcoming SML from low density polyethylene (LDPE) containing more substance than 0.3% m / m when in contact with fatty food.
17	Only the method for determining the residual substance content of the polymer is available.
18	In low density polyethylene (LDPE) there is a risk of exceeding the specific migration limit (SML).
19	With copolymers of ethylene vinyl alcohol (EVOH) and polyvinyl alcohol 1(POOH) in direct contact with watery food, there is a danger of exceeding the overall migration limit (OML).
20	The substance contains aniline as impurity; a compliance check with the limitation for primary aromatic amines from Annex II Item 2 is required.
(21)	In the case of reaction with food or model solution, conformity check will include verification that the migration limits of products of hydrolysis, formaldehyde and 1,4-butanediol have not been exceeded.

1. Detailed specifications of the substances

   Table 4. contains the following information in relation with detailed specifications of the substances:

   Column 1. (FCM substance No.): contains the unique identification number of the substance listed in Annex I Table 1. Column 1. to which specification refers.

   Column 2. (Detailed specification of an individual substance): contains a detailed specification of an individual substance).

Table

1.	2.	
FCM substance No.	Detailed specifications of the substance	
744	Definition	Copolymers are produced by controlled fermentation of *Alcaligenes eutrophuses* using glucose and propanoic acid mixtures as carbon sources. The used organism is not a product of genetic engineering and is derived from a natural organism of *Alcaligenes eutrophus* from the genus HI6 NCIMB 10442. The main samples of the organism are stored in the form of lyophilized ampoules. From the main sample, a replacement / working sample is prepared, which is stored in liquid nitrogen and used to prepare the vaccine for the fermenter. Samples of fermenters are examined and analyzed on a daily basis microscopically to detect any morphological changes of colonies at different agar at different temperatures. Copolymers are isolated from heat-treated bacteria by controlled digestion of other cellular components by washing and drying. These copolymers are commonly found in the form of formulated granules formed by melting and contain additives such as nucleation promoting agents, softeners, fillers, stabilizers and pigments which all meet general and individual specifications.
	Chemical name	Poly (3-D-hydroxybutanoate-co-3-D-hydroxypentanoate)
	Structural formula	CH3 and CH3 O CH2 O I II I II (-O-CH-CH2-C-) m- (O-CH-CH2-C-) n where n / (m + n) is greater than 0 and less than or equal to 0.25.
	Average molecular mass	Not less than 150,000 Daltons (measured by gel-permeable chromatography).
	Sample	Not less than 98% of poly (3-D-hydroxybutanoate-co-3-D-hydroxypentanoate) analyzed after hydrolysis as a mixture of 3-Dichydroxybutane and 3-D-hydroxypentanoic acid.
	Description	White or dirty white powder after isolation.

	Properties Testing and Identification: Solubility Limitation Purity	Soluble in chlorinated hydrocarbons such as chloroform or dichloromethane, but practically insoluble in ethanol, aliphatic alkanes and water. QMA of the crotonic acid is 0.05 mg / 6 dm2 Prior to granulation, the raw copolymer in powder must contain:
	- nitrogen	maximum 2 500 mg / kg of plastic mass
	- zinc	maximum 100 mg / kg of plastic mass
	- copper	maximum 5 mg / kg of plastic mass
	-lead	maximum 2 mg / kg of plastic mass
	-arsenic	maximum 1 mg / kg of plastic mass
	-chromium	maximum 1 mg / kg of plastic mass

ANNEX II.

Limitations for materials and articles

1. Plastic materials and articles must not release the following substances in quantities which exceed below specified specific migration limit values:
   Barium = 1 mg / kg of food or model solution
   Cobalt = 0.05 mg / kg of food or model solution
   Copper = 5 mg / kg of food or model solution
   Iron = 48 mg / kg of food or model solution
   Lithium = 0,6 mg / kg food or model solution
   Manganese = 0.6 mg / kg of food or model solution
   Zinc = 25 mg / kg of food or model solution
2. Plastic materials and articles must not release primary aromatic amines, other than those listed in Table 1. of Annex I., in quantities that can be demonstrated in food or model solution. The detection limit is 0,01 mg of substance per kg of food or model solution. The detection limit refers to the sum of the released primary aromatic amines.

ANNEX III.

Model solutions

1. Model solutions for testing conformity for plastic materials and articles that are not yet in contact with food were determined by the model solutions listed in Table 1.

Table 1.

List of model solutions

Model solution	Abbreviation
Ethanol 10% (v/v)	Model solution A
Acetic acid 3% (m / v)	Model solution B
Ethanol 20% (v / v)	Model solution C
Ethanol 50% (v / v)	Model solution D1
Vegetable oil (*)	Model solution D2
poly (2,6-diphenyl-p-phenylene oxide), particle size 60-80 mesh, pore size 200 nm	Model E solution

(*) It can be any vegetable oil with distribution of fatty acid

Number of carbon atoms in the fatty acid chain: number of instauration	6-12	14	16	18:0	18:1	18:2	18:3
The range of fatty acid content expressed in% (m/m) of methyl esters determined by gas chromatography technique	<1	<1	1,5-20	<7	15-85	5-70	<1,5

2. General determination of model solutions according to food

Model solutions A, B and C are designated for food with hydrophilic properties and that can extract hydrophilic substances. Model solution B is used for those foods which have pH lower than 4,5. Model solution C is used for alcoholic food with the alcohol content up to 20% and for the food which contains considerable quantity of organic ingredients which make the food more lipophilic.

Model solutions D1 and D2 are determined for food that has lipophilic properties and which can extract lipophilic substances. Model solution D1 is used for alcoholic food with an alcohol content of over 20% and for oil-based emulsions in water. Model solution D2 is used for food which contains free fats on the surface.
Model solution E is determined for testing specific migration in dry food. Specific designation of model solutions according to food for testing migration from materials and articles which are not yet in contact with food.
For testing global migration from materials and articles intended for contact with various sorts of food or combination of sorts of food applies the model solution determined in Item 4.

Table 2. contains the following information:
Column 1. (Ref No.) contains the reference number of the food.
Column 2. (Description of food): contains the description of food covered by individual type of food.
Column 3. (Model solutions): contains sub-columns for each of the model solutions.
The model solution adjacent to the cross in the appropriate sub-column of column 3. is used to test migration from materials and articles that are not yet in contact with food.
For food types if they are in the sub-column D2 behind the cross, there is a slash and number, the result of testing migration is divided by the number before comparing the results with the migration limit. The number is a correlation factor from Item 4.2. of Annex V of this Regulation.
For the type of food 01.04 the model solution D2 is replaced by 95% ethanol. If for all food types from sub-column D2 behind the cross, follows (**), testing in model solution D2 can be omitted if by appropriate testing it can be demonstrated that there is no contact between fats and plastic material that come into contact with food.

Table 2.

Distribution of model solutions according to food type

1.	2.	3.					
Ref.No.	Description of food	Model solutions					
		A	B	C	D1	D2	E
01 01.01	Drinks						
	Non-alcoholic drinks or alcoholic drinks with alcohol content of 6% or less:						
	A. Clear drinks: Water, cider, clear fruit or vegetable juices of the usual strength or concentrated fruit nectars, lemonades, syrups, bitters, herbal teas, coffee, tea, beer, soft drinks, energy drinks and the like, aromatized water, liquid coffee extract		X(*)	X			

	B. Thick drinks: Juices and nectars and non-alcoholic beverages containing fruit pulp, musts containing fruit pulp, liquid chocolate		X(*)		X		
01.02	Alcoholic drinks with alcohol content from 6& to 20%			X			X
01.03	Alcoholic drinks with alcohol content over 20% and all creamy liqueurs				X		
01.04	Miscellaneous: undenaturated ethyl alcohol		X(*)			Substitute 95% ethanol	
02	Cereals, cereal products, fine baking, biscuits, cakes and other bakery products						
02.01	Starches						X
02.02	Cereals, unprocessed, expanded, in flakes (including popcorn, cornflakes and the like)						X
02.03	Flour and cereals semolina						X
02.04	Dry pasta, e.g. macaroni, spaghetti and similar products, and fresh pasta						X
02.05	Fine bakery, biscuits, cakes, bread and other baked goods, dry						
	A. With fatty substances on the surface					X/3	
	B. Other						X
02.06	Fine bakery, cakes, bread, dough and other bakery products, fresh:						
	A. With fatty substances on the surface					X/3	
	B. Other						X
03	Chocolate, sugar and their products Pastry products						
03.01	Chocolate, products with chocolate coating, substitutes and products coated with chocolate substitute					X/3	
03.02	Pastry products:						
	A. In hard form:						
	I. With fatty substances on the surface					X/3	
	II. Other						X
	B. In pulpy (creamy) form:						
	I. With fatty substances on the surface					X/2	
	II. Moist			X			
03.03	Sugar and sugar products						
	A. In hard form: crystal or powder						X
	B. Molasses, sugar syrups, honey and the similar	X					
04	Fruit, vegetables and their products						
04.01	Whole fruit, fresh or cooled unpeeled						
04.02	Processed fruit:						
	A. Dry or dehydrated fruit, whole, sliced, meal or powder						X
	B. Fruit in form of puree, cooked and canned, pulpy or in own juice or in sugar syrup (jam, compote and the similar)	X(*)	X				
	C. Fruit canned in liquid medium:						
	I. In oil medium					X	
	II. In alcohol medium				X		
04.03	Nuts (peanuts, chestnuts, almonds, hazelnuts, walnuts, pine nuts and the similar):						
	A. Peeled, dry, in pieces or powder						X
	B. Peeled and roasted						X
	C. In form of paste or cream	X				X	
04.04	Whole vegetables, fresh or cooled, unpeeled						
04.05	Processed vegetables:						
	A. Dried or dehydrated vegetables – whole, sliced or in form of meal or powder						X
	B. Fresh vegetables, peeled or sliced	X					
	C. Vegetables in form of puree, cooked and canned, pulpy or in own juice (including pickled and in salty water)		X(*)	X			
	D. Canned vegetables:						
	I. In oil medium	X					X

	II. In alcohol medium					X	
05	Fats and oils						
05.01	Animal and vegetable fats and oils, whether natural or processed (including cocoa butter, lard (leaf fat), butterfat)						X
05.02	Margarine, butter and other oils and fats produced by oil-in-water emulsions						X/2
06	Animal products and eggs						
06.01	Fish:						
	A. Fresh, cooled, processed, salted or smoked, including fish spawn	X					X/3(**)
	B. Canned fish:						
	I. In oil medium	X					X
	II. In water medium		X(*)	X			
06.02	Crabs and molluscs (including oysters, shells, snails)						
	A. Fresh in shell						
	B. Without shell, processed, canned or cooked with shell:						
	I. In oil medium	X				X	
	II. In water medium		X(*)	X			
06.03	Meat of all animal species (including poultry and game):						
	A. Fresh, cooled, salted, smoked	X				X/4(**)	
	B. Processed meat products (such as ham, salami, bacon, sausage and others) or in form of pate, cream	X				X/4(**)	
	C. Marinated meat products in oil medium	X				X	
06.04.	Canned meat:						
	A. In fat or oil medium	X				X/3	
	B. In water medium		X(*)		X		
06.05	Whole eggs, egg yolks, egg whites						
	A. In powder or dried or frozen						X
	B. Liquid and cooked				X		
07	Dairy products						
07.01	Milk						
	A. Milk and milk-based drinks, full-fat, partially dried and skimmed or partially skimmed				X		
	B. Powdered milk including initial food for infants (on the basis of full-fat powdered milk)						X
07.02	Fermented milk like yoghurt, buttermilk and similar products		X(*)		X		
07.03	Cream and sour cream		X(*)		X		
07.04	Cheeses:						
	A. Whole with inedible rind						X
	B. Natural cheese without rind or with edible rind (gouda, camembert and the similar) and melted cheeses					X/3(*)	
	C. Processed cheeses (soft cheese, white fresh cheese and the similar)		X(*)		X		
	D. Canned cheese:						
	I. In oil medium	X				X	
	II. In water medium (feta, mozzarella and the similar)		X(*)		X		
08	Miscellaneous products						
08.01	Vinegar		X				
08.02	Roasted or fried food:						
	A. Baked potatoes, fried in fat and the similar	X				X/5	
	B. Animal origin	X				X/4	
08.03	Preparations for soups, stews, sauces, liquid, solid or powder (extracts, concentrates); homogenized mixtures of food preparations, ready meals including yeast and raising agents						
	A. In powder or dried:						
	I. Fatty character					X/5	
	II. Other						X
	B. In any other shape except for powder or dried:						
	I. Fatty character	X	X(*)			X/3	

	II. Other		X(*)	X			
08.04	Sauces:						
	A. Watery character		X(*)	X			
	B. Fatty character, e.g. mayonnaise, sauces made of mayonnaise, sauces for salads and other mixtures of oil/water, e.g. sauces based on coconut	X	X(*)			X	
08.05	Mustard (except for powder mustard under no. 08.14)	X	X(*)			X/3(**)	
08.06	Sandwiches, toasted bread-pizza and the similar that contains any type of food:						
	A. With fatty substances on the surface	X				X/5	
	B. Other						X
08.07	Ice creams			X			
08.08	Dry food:						
	A. With fatty substances on the surface					X/5	
	B. Other						X
08.09	Deeply cooled and frozen food						X
08.10	Concentrated extracts with alcohol content of 6 % or more		X(*)		X		
08.11	Cocoa:						
	A. Powder cocoa, including cocoa with reduced fat and very reduced fat						X
	B. Cocoa mass					X/3	
08.12	Coffee, roasted or raw, without caffeine or soluble, coffee substitutes, granulated or powder						X
08.13	Herbal spices and other herbs like chamomile, mellow, mint, tea, lime flower and other						X
08.14	Spices in a natural form, such as cinnamon, cloves, mustard powder, pepper, vanilla, saffron, salt and more						X
08.15	Spices in oil medium such as pesto, curry paste					X	

3. Determining the model solution for testing overall migration.

For the purpose of proving compliance with the overall migration limit for all types of food, a test is conducted in distilled water or the water of the equal quality or in model solution A and in model solution B and model solution D2.

For the purpose of proving compliance with the overall migration limit for all types of food, except for acidic food, a test is conducted in distilled water or the water of the equal quality or in model solution A and model solution D2.

For the purpose of proving compliance with the overall migration limit for all watery and alcoholic food and dairy products, a test is conducted in model solution D1.

For the purpose of proving compliance with the overall migration limit for all watery, acidic and alcoholic food and dairy products, a test is conducted in model solution D1 and model solution B.

For the purpose of proving compliance with the overall migration limit for all watery and alcoholic food with the content of alcohol up to 20%, a test is conducted in model solution C and model solution B.

ANNEX IV.

Declaration of conformity

The written statement from Article 15 of this Regulation contains the following information:

1. Identity and address of the business entity which submits the declaration of conformity;
2. Identity and address of the subject in business which manufactures or imports plastic materials or articles or products from intermediate production phases or substances intended for production of those materials and articles;
3. Identity of materials, articles, products from intermediate phases of production or substances intended for production of those materials and articles;

4. Statement date;
5. Confirmation that the plastic materials or articles, products from intermediate phases of production or substance meet the relevant requirements stipulated by this Regulation and the Regulation on materials and articles intended for contact with food;
6. Appropriate information on the substances used or products of their degradation for which limitations and/or specifications in annexes I. and II. of this Regulation have been stipulated, in order to enable business entities in further production chain to ensure compliance with those limitations;
7. Appropriate information on substances subject to food limitations, obtained by tests or theoretical calculations of the specific migration limit and, where applicable, purity requirements in accordance with existing legislation, in order to enable the user of those materials or articles to comply with the applicable regulations which apply to food;
8. Specifications on the use of materials or articles, such as:
   i. type or kind of food which were intended to come into contact with;
   ii. time and temperature of processing and storage under which they come into contact with food;
   iii. the ratio of contact surface and volume used to determine the conformity of materials or articles;
9. when a functional barrier is used in multi-layer material or article, confirmation that the material or article is in conformity with the requirements of Article 13. Paragraph (2), (3) and (4) or Article 14. Paragraph (2) and (3) of this Regulation is required.

ANNEX V

CONFORMITY TEST

The following general rules apply to testing of conformity of migration from plastic materials and articles that come into contact with food.

CHAPTER 1.

Testing specific migration of materials and articles that are already in contact with food

1.1. Preparation of the sample

A material or article is stored as indicated in the product information on the package or, unless otherwise indicated, under conditions that are appropriate for packaged food. Food is put out of contact with material or article prior to expiration date or until any date that the manufacturer has indicated as the deadline for the food to be used for the preservation of its quality or health safety.

1.2. Test conditions

The food is processed according to cooking instructions on the packaging if the food is cooked in the package. Food parts that are not intended for consumption are removed and discarded. The residue is homogenized and analysed for migration. Analytical results are always stated on the basis of the food mass intended for consumption, and which is in contact with material that comes into contact with food.

1.3. Analysis of migrating substances

Specific migration is analysed in food by application of the analysis method that is in accordance with requirements stipulated by the Regulation on official controls conducted for verification of

compliance with provisions of regulations on food and animal food and regulations on health and welfare of animals.

1.4. Special cases

In case of contamination from other sources, other than materials that come into contact with food, this should be taken into consideration when testing conformity of materials that come into contact with food, and in particular phthalates (FCM substance 157, 159, 283, 728, 729) according to Annex I.

CHAPTER 2.

Testing of specific migrations of materials and articles that are not yet in contact with food

2.1. Testing method

Testing compliance of migration into food with the migration limits is conducted under the most extreme foreseeable conditions related to duration and temperature in actual usage, taking into account paragraphs 1.4, 2.1.1., 2.1.6. and 2.1.7. of the Annex V of this Regulation.

Verification of migration compliance in model solutions with migration limits is conducted by application of standard migration tests in accordance with rules from paragraphs 2.1.1. till 2.1.7. of the Annex V. of this Regulation.

2.1.1. Sample preparation

A material or article is processed in accordance with instructions or provisions contained in the declaration of conformity.

Migration is determined on the material or article or, if it is not predictable, on the sample taken from the material or article, or on the sample that is representative for that material or article. A new testing sample is used for each model solution or type of food. Only those parts of the sample that are intended to come into contact with real-life food are placed in contact with the model solution or food.

2.1.2. Selecting a model solution

Materials and articles intended to come into contact with all types of food are tested with model solutions A, B and D2. However, if there are no substances present that could react with acidic model solutions or acidic food, testing in model solution B can be omitted.

Materials and articles intended only for certain types of food are tested on the model solutions specified for those foods in Annex III.

2.1.3. Contact conditions in application of model solutions

The sample is placed into contact with the model solutions in a manner that represents the worst foreseeable conditions of use associated with the contact time from Table 1. and associated with contact temperature from Table 2. of Annex V. of this Regulation.

If it is discovered by an experiment that under combined contact conditions as listed in tables 1. and 2. of Annex V of this Regulation, physical and other changes in the test sample occur, which do not come under the worst foreseeable conditions of use of the material or article being examined, migration testing is carried under the worst foreseeable conditions of use under which these physical and other changes do not occur.

Table 1.

Contact duration

Contact duration at the worst foreseeable use	Test duration

t ≤ 5 min	5 min.
5 min < t ≤ 0,5 hours	0,5 hours
0,5 hours < t ≤ 1 hour	1 hour
1 hour < t ≤ 2 hours	2 hours
2 hours < t ≤ 6 hours	6 hours
6 hours < t ≤ 24 hours	24 hours
1 day < t ≤ 3 days	3 days
3 days < t ≤ 30 days	10 days
More than 30 days	See special conditions

Table 2.

Contact temperature

Contact conditions for the worst foreseeable use	Test conditions
Contact temperature	Testing temperature
T ≤ 5 °C	5 °C
5 °C < T ≤ 20 °C	20 °C
20 °C < T ≤ 40	40 °C
40 °C < T ≤ 70 °C	70 °C
70 °C < T ≤ 100 °C	100 °C or reflux temperature
100 °C < T ≤ 121 °C	121 °C (*)
121 °C < T ≤ 130 °C	130 °C (*)
130 °C < T ≤ 150 °C	150 °C (*)
150 °C < T < 175 °C	175 °C (*)
T > 175 °C	To adjust the temperature to the actual temperature on the contact surface with the food (*)

(*) That temperature is applied only in case of model solutions D2 and E. For heating under pressure, migration test can be conducted under pressure at a certain temperature. For model solutions A, B, C or D1 the test can be replaced by a 100 ° C or at a reflux temperature lasting four times longer than the duration time selected according to the conditions in Table 1.

2.1.4. Special conditions for a contact longer than 30 days at a room or lower temperature. For a contact longer than 30 days at a room or lower temperature, the sample is tested by accelerated testing at an increased temperature, and for a maximum of 10 days at 60 ° C.

The conditions of testing and temperature are based on the following formula:

t2 = t1 * Exp ((-Ea / R) * (1 / T1-1 / T2))

Ea is the worst case of activating energy 80 kJ / mol

R is factor 8.31 J / Kelvin / mol

Exp - 9627 * (1 / T1-1 / T2)

t1 is the contact time

t2 is the duration time of the test

T1 is the contact temperature in kelvins. For storage at room temperature 298 K (25 ° C) was found. Cooling and freezing conditions were found to be 278 K (5 ° C).

T2 is the test temperature in kelvins.

Testing for 10 days at 20 ° C covers all storage deadlines in freezing conditions.

Testing for 10 days at 40 ° C covers all storage deadlines in conditions of cooling and freezing, including heating up to 70 ° C up to 2 hours, or heating up to 100 ° C up to 15 minutes.

Testing for 10 days at 50 ° C covers all storage deadlines in conditions of cooling and freezing, including heating up to 70 ° C for up to 2 hours, or heating up to 100 ° C for up to 15 minutes and storage for up to six months at room temperature.

Testing for 10 days at 60 ° C covers long-term storage for longer than six months at room temperature and lower temperature, including heating up to 70 ° C for up to 2 hours, or heating up to 100 ° C for up to 15 minutes.

The maximum testing temperature depends on the temperature of the phase transition of polymers.

At the testing temperature, on the testing sample no physical alteration whatsoever must occur.

For storage at a room temperature, testing may be shortened to 10 days at 40 ° C if there is scientific evidence that migration of a given substance in polymer takes up the state of balance under those testing conditions.

2.1.5. Specific conditions for combinations of duration of contact and temperature

If a material or article is foreseen for different applications involving different combinations of contact and temperature, the test is limited to the testing conditions which are according to the scientific evidence recognized as the most severe.

If the material or article intended for use in which, in contact with food, it is incessantly exposed to combination of two or more time periods and temperatures, migration testing will be conducted by successive subjecting the test sample to all worst foreseeable conditions suitable for that sample using the same quantity of model solution.

2.1.6. Reusable articles

If the purpose of a material or article to come into contact with food repeatedly, migration testing, or several of them, is carried out three times on one and the same sample, each time using different quantity of model solution. Its compliance is verified on the basis of quantity of migration established in the third test.

However, if there is indisputable evidence that the migration quantity does not increase in the second and third testing and if the migration limits are not exceeded in the first testing, further testing is not required.

The material or article must satisfy the specific migration limit already in the first test for substances for which in Annex I. Table 1. Column 8. or Annex I. Table 2. Column 3. of this Regulation the specific migration limit is listed as unprovable, as well as for unlisted substances that are used behind a plastic functional barrier according to the rules from Article 13 paragraph (2) item b) of this Regulation and which should not migrate in provable quantities.

2.1.7. Analysis of migrating substances

At the end of prescribed contact duration, specific migration will be analyzed in food or model solution with application of the analysis method in accordance with requirements from Article 11 of the Regulation on official control which are conducted for verification of the treatment in accordance with the provisions of regulations on food and food for animals and regulations on health and welfare of animals.

2.1.8. Conformity checking with residual content on the surface that comes into contact with food (QMA)
For substances that are unstable in the model solution or food or for which there is no appropriate analytical method available, Annex I. of the Regulation indicates that the conformity check is conducted by checking the residual content on 6 dm2 surface which comes in contact. For materials and articles of 500 ml to 10 l, the actual surface is applied. For materials and articles under 500 ml and above 10 l, as well as for articles for which it is impractical to calculate the actual surface in contact, it is assumed that the surface in contact is 6 dm2 per kg food.

2.2. Test method
To test the conformity of materials and articles with migration limits, the testing method may be applied to any of the following procedures considered to be more stringent than the testing method described in Section 2.1. Annex V. of this Regulation.

2.2.1. Replacement of specific migration by overall migration
To check specific migration of non-volatile substances, overall migration can be applied in testing conditions as strict as at least for specific migration.

2.2.2. Residual content
To check specific migration, migration potential can be calculated based on residual content of substances in material or article assuming total migration.

2.2.3. Calculation of migration by model
To check specific migration, migration potential can be calculated based on residual content of substances in material or article by application of generally known diffusion models based on scientific evidence, and which are thus adjusted to overestimate the actual migration.

2.2.4. Replacement for model solutions
To check specific migration of the model solution, they can be replaced by a substitute of model solutions if it has been scientifically proven that substitution of model solutions overestimates migration in comparison to prescribed model solutions.

CHAPTER 3.

Testing overall migration

Overall migration testing is conducted under the standardized conditions of testing as outlined in this Chapter.

1.1. Standardized testing conditions
Overall migration testing for materials and articles intended to come into contact with food under the conditions as described in Table 3. Column 3. of this Annex is conducted for the stated duration and at the temperature specified in Column 2. For testing OM5, testing can be conducted 2 hours at 100 ° C (model solution D2) or at reflux temperature (model solutions A, B, C, D1) or 1 hour at 121 ° C. The model solution is selected in accordance with Annex III. of this Regulation.
If it is established that by conducting the tests according to the contact conditions stated in Table 3. of this Annex, there are physical or other changes in the test sample, which do not come under the worst foreseeable conditions of usage of materials or articles being tested, migration testing will be conducted under the worst foreseeable conditions of usage in which no physical or other changes occur.

Table 3.

Standardized testing conditions

Column 1	Column 2	Column 3
Test No.	Contact duration in days (d) or hours (h) at contact temperature in ° C	Foreseen conditions of contact with food.
OM1	10 d at 20 ° C	Any contact with food in conditions of freezing and cooling.
OM2	10 d at 40 ° C	Any long-term storage at room or lower temperature, including heating up to 70 ° C up to 2 hours or heating up to 100 ° C up to 15 minutes.
OM3	2 h at 70 ° C	Any storage conditions which include heating up to 70 ° C up to 2 hours or up to 100 ° C up to 15 minutes, which is not followed by long-term storage at room temperature or storage in refrigerator.
OM4	1 h at 100 ° C	Application of high temperature for all model solutions at temperature up to 100 ° C.
OM5	2 h at 100 ° C or at reflux temperature or alternatively 1 h at 121 ° C	Application of high temperature up to 121 ° C.
OM6	4 h at 100 ° C or at reflux temperature	Any conditions of contact with food with model solutions A, B or C at temperature over 40 ° C.
OM7	2 h at 175 ° C	Application of high temperature with fatty food for which the conditions OM5 are exceeded.

Test OM7 also includes conditions for food contact described for OM1, OM2, OM3, OM4, OM5. It represents the worst case conditions for fatty model solutions in contact with non-polyolefins. If it is not technically feasible to conduct the OM7 with the D2 model solution, the test may be replaced as described in paragraph 3.2.

The OM6 test also includes food contact conditions described for OM1, OM2, OM3, OM4 and OM5. It is the worst case conditions for model A, B, and C solutions in contact with non-polyolefins.

The OM5 test also includes food contact conditions described for OM1, OM2, OM3, OM4. It is the worst case conditions for all model solutions in contact with polyolefins.

The OM2 test also includes food contact conditions described for OM1 and OM3.

1.2. Replacement tests for OM7 with model D2

In case it is technically NOT possible to conduct OM7 with model solution D2, the test can be replaced by the OM8 or OM9 test. The conditions for both tests described within the appropriate test are carried out with a new test sample.

Test No.	Test conditions	Foreseen conditions for contact with food	Includes foreseen conditions for contact with food described in
OM 8	Model solution E for 2 hours at 175 ° C and model solution D2 for 2 hours at 100 ° C	Only application of high temperatures	OM1, OM3, OM4, OM5 and OM6
OM 9	Model solution E for 2 hours at 175 ° C and model solution D2 for 10 days at 40 ° C	Application of high temperature, including long-term storage at room temperature	OM1, OM2, OM3, OM4, OM5 and OM6

1.3. Reusable items.

When it is foreseen that a material or object comes into experimental contact with food, migration testing is carried out three times on a single sample using every time a different sample of the model solution.

Its compliance is verified based on the amount of migration established in the third test. However, if there is indisputable evidence that the migration rate does not increase in the second and third tests and if the total overall migration limit is not exceeded in the first test, no further testing is required.

1.4. Method of verification

For any conformity assessment of materials or articles with migration limits, any of the following procedures that is considered to be more stringent than the checking method described in sections 3.1. and 3.2. may be used.

1.4.1 Residual content

To check overall migration, the migration potential can be calculated based on the residual content of the migrating substance determined in the total extraction of a material or article.

1.4.2 Replacement for model solutions

To check the overall migration, it is possible to replace model solutions if it has been scientifically proven that replacement for model solutions overestimate migration compared to the prescribed model solutions.