
STATUTORY INSTRUMENTS

1995 No. 360

FOOD

**The Plastic Materials and Articles in Contact
with Food (Amendment) Regulations 1995**

<i>Made</i>	- - - -	<i>15th February 1995</i>
<i>Laid before Parliament</i>		<i>17th February 1995</i>
<i>Coming into force</i>	- -	<i>10th March 1995</i>

The Minister of Agriculture, Fisheries and Food, the Secretary of State for Health and the Secretary of State for Wales, acting jointly, in relation to England and Wales, and the Secretary of State for Scotland in relation to Scotland, in exercise of the powers conferred by sections 6(4), 16(2), 17(1), 26(1)(a) and (3), 31 and 48(1) of the Food Safety Act 1990⁽¹⁾ and of all other powers enabling them in that behalf; the Minister of Agriculture, Fisheries and Food and the Secretary of State being Ministers designated⁽²⁾ for the purposes of section 2(2) of the European Communities Act 1972⁽³⁾ in relation to materials and articles in contact with food or drink or intended for such contact, acting jointly, in exercise of the powers conferred on them by the said section 2(2) and of all other powers enabling them in that behalf; and after consultation in accordance with section 48(4) of the Food Safety Act 1990 with such organisations as appear to them to be representative of interests likely to be substantially affected by the Regulations (in so far as the Regulations are made in exercise of the powers conferred by the said Act of 1990), hereby make the following Regulations:—

Title, commencement, extent and interpretation

1.—(1) These Regulations may be cited as the Plastic Materials and Articles in Contact with Food (Amendment) Regulations 1995 and shall come into force on 10th March 1995.

(2) These Regulations shall not extend to Northern Ireland.

(3) In these Regulations “the principal Regulations” means the Plastic Materials and Articles in Contact with Food Regulations 1992⁽⁴⁾.

Amendment of the principal Regulations

2. The principal Regulations shall be amended as follows—

(1) 1990 c. 16; “the Ministers” is defined in section 4(1) of the Act.
(2) S.I. 1976/2141.
(3) 1972 c. 68.
(4) S.I. 1992/3145.

- (a) in paragraph (4)(b)(i) of regulation 5, for the words “of not less than 500 millilitres and not more than 10 litres” there shall be substituted the words “of less than 500 millilitres or more than 10 litres”;
- (b) in paragraph (6) of regulation 5, for the words “regulation 3 comprising” there shall be substituted the words “these Regulations, where it is alleged that the commission of the offence is due to”;
- (c) in paragraph (2) of regulation 6, for the word “refences” there shall be substituted the word “references”;
- (d) before and above regulation 12 there shall be inserted the following heading to that regulation “Use, sale and importation until 1st April 1995”;
- (e) after regulation 12 there shall be inserted the following regulation—

“Use, sale and importation until 1st April 1996

13. Until 1st April 1996 a plastic material or article which has been manufactured using one or more of the monomers identified by PM/REF No. (if any), CAS No. (if any) and name respectively in columns 1, 2, 3 of Section D of Part I of Schedule 1—

- (a) may be used in the course of a business in connection with the storage, preparation, packaging, sale or serving of food for human consumption,
- (b) may be sold for the purpose of its being used in connection with the storage, preparation, packaging, sale or serving of food for human consumption, or
- (c) may be imported for the purpose of its being used in connection with the storage, preparation, packaging, sale or serving of food for human consumption,

provided that such monomer is of good technical quality and is used in accordance with the restrictions (if any) specified in the corresponding entry in column 4 thereof.”;

- (f) the Item number and letter, PM/REF No., CAS No., name and restriction (if any) for each monomer identified in Schedule 1 to these Regulations shall be inserted in Section A of Part 1 of Schedule 1 at the place corresponding to the number and letter specified for that monomer in the column headed ‘Item’ in Schedule 1 to these Regulations;
- (g) for the entry in column 4 (Restrictions) of Section A of Part 1 of Schedule 1, opposite and corresponding to item 26, there shall be substituted the following entry “The specific migration of this substance shall not exceed 5mg/kg.”;
- (h) the contents of Schedule 2 to these Regulations shall be substituted for Section B of Part 1 of Schedule 1;
- (i) the contents of Schedule 3 to these Regulations shall be inserted after Section C of Part I of Schedule 1;
- (j) after paragraph 4(2) of Section A of Part 1 of Schedule 2 there shall be inserted the following sub-paragraphs—
 - “(3) The verification of compliance with a migration limit using food shall be carried out under the most extreme conditions of time and temperature foreseeable in actual use in accordance with the provisions of this Schedule.
 - (4) The verification of compliance with a migration limit using a simulant or simulants shall be carried out in accordance with the provisions of this Schedule using the simulant or simulants and the migration test conditions which are considered to be the most severe on the basis of experience.”;
- (k) in paragraph 1 of Part II of Schedule 2, in relation to Simulant D, after the words “sunflower oil.”, there shall be inserted the following sentence “If rectified olive oil, a

mixture of synthetic triglycerides or sunflower oil is not appropriate, other food simulants and conditions of time and temperature may be used.”;

- (l) for paragraph 1 of Part III of Schedule 2 there shall be substituted the following—

“1.—(1) Subject to paragraph (2) below, the migration testing of a plastic material or article which may come into contact with any food shall be carried out using one or more of the simulants specified in Part II of this Schedule.

(2) Simulant A shall not be used in migration testing of a plastic material or article which may come into contact with any food other than where its use is specified in the Table to Part IV of this Schedule.

(3) Subject to regulations 4(1) and 5(5), the migration testing of a plastic material or article which may come into contact only with a specific food or a specific group of foods shall be carried out—

- (a) where the specific food or specific group of foods is specified in the Table to this part of this Schedule, using the simulant or simulants specified in relation to that specific food or specific group of foods; or
- (b) where the specific food or specific group of foods is not specified in that Table, using the simulant or simulants which correspond most closely in extractive capacity to that food or group of foods.

(4) A simulant is specified in relation to a specific food or a specific group of foods for the purposes of this paragraph where ‘X’ is placed in the column headed by that simulant opposite that specific food or specific group of foods in the Table to this Part of this Schedule, and the Table shall be read in conjunction with the notes thereto and the following paragraphs of this Part of this Schedule.

(5) Where more than one simulant is to be used in relation to a migration test, a new sample of the plastic material or article shall be used for each such test.”;

- (m) in paragraph 1 of Part IV of Schedule 2 for the words “paragraph 2” there shall be substituted the words “paragraphs 2 and 2A”;
- (n) in paragraph 1(a) of Part IV of Schedule 2 after the words “most closely to” there shall be inserted the words “but which are not less than”;
- (o) for sub-paragraphs (b) and (c) of paragraph 1 of Part IV of Schedule 2 there shall be substituted the following sub-paragraphs—

“(b) subject to sub-paragraph (d) below, where the intended use of a plastic material or article covers two or more combinations of time and temperature specified in column 1 of the Table to this Part of this Schedule, capability of migration shall be determined by subjecting that plastic material or article successively to each applicable test condition specified in column 2 using the same aliquot of simulant.

- (c) subject to sub-paragraph (d) below, where a plastic material or article is intended to be used under any conditions of time—

(i) if that plastic material or article may be used at any temperature not exceeding 70°C and such use is indicated by appropriate labelling or instructions, the 10 day test at 40°C shall be carried out;

(ii) if that plastic material or article may be used at a temperature exceeding 70°C and no labelling or instructions indicate the temperature expected in actual use, simulant D shall be used for 2 hours at 175°C and simulants B and C shall be used either—

- (aa) at reflux temperature; or

- (bb) for two hours at 100°C;
- (iii) if that plastic material or article may be used at a temperature exceeding 70°C and labelling or instructions indicate conditions expected in actual use, times and temperatures shall be selected from the Table to this Part of this Schedule.”;
- (p) after sub-paragraph (c) of paragraph 1 of Part IV of Schedule 2 there shall be inserted the following sub-paragraph—
- “**(d)** where a plastic material or article is intended to be used for periods of less than 15 minutes at temperatures of not less than 70°C and not more than 100°C and this is indicated by labelling or instructions, the 2 hour test at 70°C and the 10 day test at 40°C shall be carried out separately using a different sample of the plastic material or article for each test.”;
- (q) after paragraph 2 of Part IV of Schedule 2 there shall be inserted the following paragraph—
- “**2A.** Migration testing of plastic materials and articles intended for use in a microwave oven shall be carried out using a conventional oven selecting appropriate time and temperature conditions from the Table to this Part of this Schedule.”;
- (r) the Table in Schedule 4 to these Regulations shall be substituted for the Table in Part IV of Schedule 2.

Amendment of the Food Safety (Sampling and Qualifications) Regulations 1990

3. At the end of Schedule 1 to the Food Safety (Sampling and Qualifications) Regulations 1990(5) (provisions to which those Regulations do not apply) there shall be added in the left hand column the title to the principal Regulations and against it in the right hand column their reference.

6th February 1995

Angela Browning
Parliamentary Secretary, Ministry of Agriculture,
Fisheries and Food

Signed by the authority of the Secretary of State for Health

7th February 1995

Cumberlege
Parliamentary Under-Secretary of State,
Department of Health

7th February 1995

Hector Monro
Parliamentary Under-Secretary of State, Scottish
Office

Signed by authority of the Secretary of State for Wales

15th February 1995

Rod Richards
Parliamentary Under-Secretary of State, Welsh
Office

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SCHEDULE 1

Regulation 2(f)

<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
8A.	10750	002495-35-4	Acrylic acid, benzyl ester	
17A.	11890	002499-59-4	Acrylic acid, n- octyl ester	
66A.	15095	000334-48-5	Decanoic acid	
70A.	15565	000106-46-7	1, 4- Dichlorobenzene	The specific migration of this substance shall not exceed 12 mg/kg.
72A.	15790	000111-40-0	Diethylenetriamine	The specific migration of this substance shall not exceed 5 mg/ kg.
72B.	15820	000345-92-6	4, 4' Difluorobenzophenone	The specific migration of this substance shall not exceed 0.05 mg/kg.
91A.	17160	000097-53-0	Eugenol	The specific migration of this substance shall not exceed 0.01 mg/kg.
110A.	19210	001459-93-4	Isophthalic acid, dimethyl ester	The specific migration of this substance shall not exceed 0.05 mg/kg.
116A.	20080	002495-37-6	Methacrylic acid, benzyl ester	
124A.	21280	002177-70-0	Methacrylic acid, phenyl ester	
131A.	22390	000840-65-3	2, 6- Naphthalenedicarboxylic acid, dimethyl ester	The specific migration of this substance shall not exceed 0.05 mg/kg.
162A.	24057	000089-32-7	Pyromellitic anhydride	The specific migration of this substance shall not exceed 0.05

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
				mg/kg (expressed as pyromellitic acid).
172A.	24475	001313-82-2	Sodium sulphide	
174A.	24540	009005-25-8	Starch, edible	
180A.	24888	003965-55-7	5-Sulphoisophthalic acid, monosodium salt, dimethyl ester	The specific migration of this substance shall not exceed 0.05 mg/kg.
181A.	24940	000100-20-9	Terephthalic acid dichloride	The specific migration of this substance shall not exceed 7.5 mg/kg (expressed as total of moiety or a terephthalic acid).
183A.	25120	000116-14-3	Tetrafluoroethylene	The specific migration of this substance shall not exceed 0.05 mg/kg.

SCHEDULE 2

Regulation 2(h)

“SECTION B

Monomers authorised up to the end of 1996

<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
1.	As item 62	000542-02-9	Acetoguanamine	
2.	10160	002206-94-2	alpha-Acetoxystyrene	
3.	10162	010521-96-7	beta-Acetoxystyrene	
4.	10480		Acids, aliphatic, monocarboxylic, saturated (C2-C24)	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
5.	10510		Acids, aliphatic, monocarboxylic, unsaturated (C3-C24)	
6.	10599/70		Acids, fatty, unsaturated (C18)	
7.	10599/90A	061788-89-4	Acids, fatty, unsaturated (C18), dimers, distilled	
8.	10599/91	061788-89-4	Acids, fatty, unsaturated (C18), dimers, non-distilled	
9.	10599/92A	068783-41-5	Acids, fatty, unsaturated (C18), dimers, hydrogenated, distilled	
10.	10599/93	068783-41-5	Acids, fatty, unsaturated (C18), dimers, hydrogenated, non-distilled	
11.	10660	015214-89-8	Acrylamidomethylpropanesulphonic acid	
12.	10930	003066-71-5	Acrylic acid, cyclohexyl ester	
13.	11000	050976-02-8	Acrylic acid, dicyclopentadienyl ester	
14.	11050	001070-70-8	Acrylic acid, diester with butan-1,4-diol	
15.	11180	017831-71-9	Acrylic acid, diester with tetraethyleneglycol	
16.	11195	068901-05-3	Acrylic acid, diester with tripropyleneglycol	
17.	11245	002156-97-0	Acrylic acid, dodecyl ester	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
18.	11500	000103-11-7	Acrylic acid, 2-ethylhexyl ester	
19.	11520	002918-23-2	Acrylic acid, 2-hydroxy-isopropyl ester (=acrylic acid, 2-hydroxy-1-methyl-ethyl ester)	
20.	11530	000999-61-1	Acrylic acid, 2-hydroxy-propyl ester	
21.	11560	005888-33-5	Acrylic acid, isobornyl ester	
22.	11620	001330-61-6	Acrylic acid, isodecyl ester	
23.	11650	029590-42-9	Acrylic acid, isooctyl ester	
24.	11695	003121-61-7	Acrylic acid, 2-methoxy-ethyl ester	
25.	11740	010095-13-3	Acrylic acid, monoester with butan-1,3-diol	
26.	11770	002478-10-6	Acrylic acid, monoester with butan-1,4-diol	
27.	11800	013533-05-6	Acrylic acid, monoester with diethyleneglycol	
28.	12010	040074-09-7	Acrylic acid, 2-sulphoethyl ester	
29.	12040	039121-78-3	Acrylic acid, sulphopropyl ester	
30.	12055	094160-26-6	Acrylic acid, triester with glycerol tris(2-hydroxypropyl) ether	
31.	12062	075577-70-7	Acrylic acid, triester with 1,1,1-trimethylpropane	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
			tris(2-hydroxyethyl) ether	
32.	12160	002998-04-1	Adipic acid, diallyl ester	
33.	12190	000105-97-5	Adipic acid, didecyl ester	
34.	12220	027178-16-1	Adipic acid, diisodecyl ester	
35.	12250	000123-79-5	Adipic acid, dioctyl ester	
36.	12265	004074-90-2	Adipic acid, divinyl ester	
37.	12370		Alcohols, aliphatic, monohydric, saturated, linear, secondary or tertiary (C4-C22)	
38.	12610	000107-18-6	Allyl alcohol	
39.	12700	000150-13-0	p-Aminobenzoic acid	
40.	12790	000080-46-6	P-tert.-Amylphenol	
41.	12850	029602-44-6	Azelaic acid, bis(2-hydroxyethyl) ester	
42.	12910	001732-10-1	Azelaic acid, dimethyl ester	
43.	As item 155	000528-44-9	1,2,4-Benzenetricarboxylic acid	
44.	13060	004422-95-1	1,3,5-Benzenetricarboxylic acid trichloride	As item 155
45.	As item 63	000091-76-9	Benzoguanamine	
46.	13328	000104-38-1	Bis(2-hydroxyethyl) ether of hydroquinone	
47.	As item 71	000080-09-1	Bisphenol S	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
48.	13660	000584-03-2	Butan-1,2-diol	
49.	13720	000110-63-4	Butan-1,4-diol	
50.	13750	000513-85-9	Butan-2,3-diol	
51.	13780	002425-79-8	Butan-1,- diol bis(2,3- epoxypropyl) ether	The quantity in the finished plastic material or article of any substance within, or any combination of substances within, items 51 and 115 (and 16 and 20 of section D) shall not exceed 5 mg/ kg (expressed as epoxy)
52.	13810	000505-65-7	Butan-1,4-diol formal	
53.	13932	000598-32-3	But-3-en-2-ol	
54.	13960	001852-16-0	N- (Butoxymethyl)- acrylamide	
55.	14020	000098-54-4	4-tert.- Butylphenol	
56.	14260	000502-44-3	Caprolactone	
57.	As item 101, Section A	000115-28-6	Chlorendic acid	As item 101, Section A.
58.	14800	003724-65-0	Crotonic acid	
59.	15020	002182-05-0	Cyclohexyl vinyl ether	
60.	15070	001647-16-1	Dec-1,9-diene	
61.	15130	000872-05-9	Dec-1-ene	
62.	15280	000542-02-9	2,4-Diamino-6- methyl-1,3,5- triazine	
63.	15310	000091-76-9	2,4-Diamino-6- phenyl-1,3,5- triazine	
64.	15340	000109-76-2	1,3- Diaminopropane	

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65.	15370	003236-53-1	1,6-Diamino-2,2,4-trimethylhexane	
66.	15400	003236-54-2	1,6-Diamino-2,4,4-trimethylhexane	
67.	15490	002215-89-6	4,4'-Dicarboxydiphenyl ether	
68.	15580	001653-19-6	2,3-Dichlorobuta-1,3-diene	
69.	15610	000080-07-9	4,4'-Dichlorodiphenyl sulphone	
70.	15730	000077-73-6	Dicyclopentadiene	
71.	16090	000080-09-1	4,4'-Dihydroxydiphenyl sulphone	
72.	16210	006864-37-5	3,3'-Dimethyl-4,4'-diamino-dicyclohexylmethane	
73.	16270	000526-75-0	2,3-Dimethylphenol	
74.	16300	000105-67-9	2,4-Dimethylphenol	
75.	16330	000095-87-4	2,5-Dimethylphenol	
76.	16360	000576-26-1	2,6-Dimethylphenol	
77.	16390	000126-30-7	2,2-Dimethylpropan-1,3-diol	
78.	16450	000646-06-0	1,3-Dioxolane	
79.	16540	000102-09-0	Diphenyl carbonate	
80.	16690	001321-74-0	Divinylbenzene	
81.	16697	000693-23-2	Dodecanedioic acid	
82.	17040	000149-57-5	2-Ethylhexanoic acid	

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83.	17050	000104-76-7	2-Ethylhexan-1-ol	
84.	17110	016219-75-3	5-Ethylidenebicyclo-[2.2.1]hept-2-ene	
85.	17350	000105-75-9	Fumaric acid, dibutyl ester	
86.	18220	068564-88-5	N-Heptylaminoundecanoic acid	
87.	18370	000592-45-0	Hexa-1,4-diene	
88.	18400	000592-42-7	Hexa-1,5-diene	
89.	18441	000085-42-7	Hexahydrophthalic anhydride	
90.	18700	000629-11-8	Hexan-1,6-diol	
91.	18820	000592-41-6	Hex-1-ene	
92.	18905	002628-17-3	4-Hydroxystyrene	
93.	18970	000078-83-1	Isobutanol	
94.	19030	016669-59-3	N-(Isobutoxymethyl)-acrylamide	
95.	19060	000109-53-5	Isobutyl vinyl ether	
96.	19090	000078-84-2	Isobutyraldehyde	
97.	19120	025339-17-7	Isodecanol	
98.	19130	026896-18-4	Isononanoic acid	
99.	19150	000121-91-5	Isophthalic acid	
100.	19180	000099-63-8	Isophthalic acid dichloride	
101.	As item 123	000078-79-5	Isoprene	
102.	19270	000097-65-4	Itaconic acid	
103.	19490	000947-04-6	Lauro lactam	
104.	19570	000999-21-3	Maleic acid, diallyl ester	
105.	19600	000105-76-0	Maleic acid, dibutyl ester	
106.	19936	007423-42-9	Maleic acid, mono(2-ethylhexyl) ester	

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107.	19990	000079-39-0	Methacrylamide	
108.	20050	000096-05-9	Methacrylic acid, allyl ester	
109.	20260	000101-43-9	Methacrylic acid, cyclohexyl ester	
110.	20380	001189-08-8	Methacrylic acid, diester with butan-1,3-diol	
111.	20410	002082-81-7	Methacrylic acid, diester with butan-1,4-diol	
112.	20440	000097-90-5	Methacrylic acid, diester with ethyleneglycol	
113.	20470	025852-47-5	Methacrylic acid, diester with polyethyleneglycol	
114.	20530	002867-47-2	Methacrylic acid, 2-(dimethylamino)-ethyl ester	
115.	20590	000106-91-2	Methacrylic acid, 2,3-epoxypropyl ester	As item 51.
116.	20740	039670-09-2	Methacrylic acid, ester with ethoxytriethyleneglycol	
117.	20950	000923-26-2	Methacrylic acid, 2-hydroxypropyl ester	
118.	21115	000816-74-0	Methacrylic acid, methallyl ester	
119.	21220	032360-05-7	Methacrylic acid, octadecyl ester	
120.	21370	010595-80-9	Methacrylic acid, 2-sulphoethyl ester	
121.	21400	054276-35-6	Methacrylic acid, sulphopropyl ester	
122.	21520	001561-92-8	Methallylsulphonic acid, sodium salt	The quantity of this substance in the finished

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				plastic material or article shall not exceed 5 mg/kg.
123.	21640	000078-79-5	2-Methylbut-1,3-diene	
124.	21730	000563-45-1	3-Methylbut-1-ene	
125.	21760	000694-91-7	5-Methylenebicyclo-[2.2.1]hept-2-ene	
126.	As item 52	000505-65-7	1,4-(Methylenedioxy)butane	
127.	21837	001116-90-1	4-methylhex-1,4-diene	The specific migration of this substance shall be not detectable (when measured by a method with a limit of detection of 0.05 mg/kg).
128.	21970	000923-02-4	N-Methylmethacrylamide	
129.	22210	000098-83-9	alpha-Methylstyrene	
130.	22240	000622-97-9	p-Methylstyrene	
131.	22270	000107-25-5	Methyl vinyl ether	
132.	22360	001141-38-4	2,6-Naphthalene-dicarboxylic acid	
133.	As item 77	000126-30-7	Neopentylglycol	
134.	22428	051000-52-3	Neodecanoic acid, vinyl ester	
135.	22540	000104-40-5	4-Nonylphenol	
136.	13180 (also used for bicyclo [2.2.1] hept-2-ene)	000498-66-8	Norbornene	As item 39 on Part I Section C.
137.	22585	003710-30-3	Octa-1,7-diene	
138.	22720	000140-66-9	4-tert.-Octylphenol	
139.	22900	000109-67-1	Pent-1-ene	

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140.	22932	001187-93-5	Perfluoromethyl perfluorovinyl ether	
141.	22937	001623-05-8	Perfluoropropyl perfluorovinyl ether	
142.	23530	025190-06-1	Poly(1,4- butyleneglycol) (molecular weight greater than 1000)	
143.	23770	000504-63-2	Propan-1,3-diol	
144.	23920	000105-38-4	Propionic acid, vinyl ester	
145.	24370	000106-79-6	Sebacic acid, dimethyl ester	
146.	24560	000111-63-7	Stearic acid, vinyl ester	
147.	24760	026914-43-2	Styrenesulphonic acid	
148.	25030	016646-44-9	Tetra(allyloxy)ethane	
149.	25161	000085-43-8	1,2,3,6- Tetrahydrophthalic anhydride	
150.	25300	000088-19-7	o- Toluenesulphonamide	
151.	25380		Trialkyl(C5-C15) acetic acid, vinyl ester (=vinyl versatate)	
152.	25390	000101-37-1	Triallyl cyanurate	
153.	25450	026896-48-0	Tricyclodecanedimethanol	
154.	25480	000102-71-6	Triethanolamine	
155.	25540	000528-44-9	Trimellitic acid	The quantity of this substance alone or together with item 156 in the finished plastic material or article shall not exceed 5 mg/kg.
156.	25550	000552-30-7	Trimellitic anhydride	The quantity of this substance

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
				alone or together with item 155 in the finished plastic material or article shall not exceed 5 mg/kg (expressed as trimellitic acid).
157.	25810	015625-89-5	1,1,1-Trimethylolpropane triacrylate	
158.	25840	003290-92-4	1,1,1-Trimethylolpropane trimethacrylate	
159.	25900	000110-88-3	Trioxane	
160.	As item 154	000102-71-6	Tris(2-hydroxyethyl)amine	
161.	26140	000075-38-7	Vinylidene fluoride	The specific migration of this substance shall be not detectable (when measured by a method with a limit of detection of 0.05 mg/kg).
162.	26170	003195-78-6	N-Vinyl-N-methyl-acetamide	The quantity of this substance in the finished plastic material or article shall not exceed 5 mg/kg.
163.	26230	000088-12-0	Vinylpyrrolidone	
164.	26290	025013-15-4	Vinyltoluene	
165.	As item 130	000622-97-9	p-Vinyltoluene	
166.	26320	002768-02-7	Vinyltrimethoxysilane	The quantity of this substance in the finished plastic material or article shall not exceed 5 mg/kg.
167.	As item 74	000105-67-9	m-Xylenol	
168.	As item 73	000526-75-0	o-Xylenol	
169.	As item 75	000095-87-4	p-Xylenol	

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SCHEDULE 3

Regulation 2(i)

“SECTION D

Monomers authorised until 1st April 1996

<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
1.	10599/90	061788-89-4	Acids, fatty, unsaturated (C18), dimers	
2.	10599/92	068783-41-5	Acids, fatty, unsaturated (C18), dimers, hydrogenated	
3.	10600		Acids, linear, with an even number of carbon atoms (C8-C22), and the dimers and trimers of the unsaturated acids	
4.	10720	000999-55-3	Acrylic acid, allyl ester	
5.	10775	084100-23-2	Acrylic acid, 4-tert. butylcyclohexyl ester	
6.	10990	002156-96-9	Acrylic acid, decyl ester	
7.	11005	012542-30-2	Acrylic acid, dicyclopentenyl ester	
8.	11010	024447-78-7	Acrylic acid, diester with 2,2-bis (4-hydroxyphenyl)-propane bis (2-hydroxyethyl) ether	
9.	11020	019485-03-1	Acrylic acid, diester with butan-1,3-diol	
10.	11080	004074-88-8	Acrylic acid, diester with diethyleneglycol	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
11.	11110	002274-11-5	Acrylic acid, diester with ethyleneglycol	
12.	11140	013048-33-4	Acrylic acid, diester with hexan-1,6-diol	
13.	11170	026570-48-9	Acrylic acid, diester with polyethyleneglycol	
14.	11200	002426-54-2	Acrylic acid, 2-(diethylamino) ethyl ester	
15.	11230	002439-35-2	Acrylic acid, 2-(dimethylamino) ethyl ester	
16.	11260	000106-90-1	Acrylic acid, 2,3-epoxypropyl ester	The quantity in the finished plastic material or article of any substance within, or any combination of substances within, items 16 and 20 (and 51 and 115 of Section B) shall not exceed 5 mg/kg (expressed as epoxy).
17.	11532	002761-08-2	Acrylic acid, 3-hydroxypropyl ester	
18.	11860		Acrylic acid, monoester with propyleneglycol	
19.	11875	004813-57-4	Acrylic acid, octadecyl ester	
20.	12640	000106-92-3	Allyl 2,3-epoxypropyl ether	As item 16.
21.	13210	001761-71-3	Bis (4-aminocyclohexyl) methane	
22.	14008	000098-52-2	4-tert.-Butylcyclohexanol	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
23.	14035	001746-23-2	4-tert.- Butylstyrene	
24.	14560	000126-99-8	2- Chlorobutan-1,3- diene	
25.	14650	000079-38-9	Chlorotrifluoroethyl	The quantity of this substance in the finished plastic material or article shall not exceed 5 mg/kg.
26.	14833	000623-43-8	Crotonic acid, methyl ester	
27.	14980	001631-25-0	N- Cyclohexylmaleimide	The quantity of this substance in the finished plastic material or article shall not exceed 5 mg/kg.
28.	15030	000931-88-4	Cyclooctene	
29.	15060	000142-29-0	Cyclopentene	
30.	15260	000646-25-3	1, 10- Diaminodecane	
31.	15270	002783-17-7	1, 12- Diaminododecane	
32.	15295	000373-44-4	1, 8- Diaminooctane	
33.	16120	000110-97-4	Diisopropanolamine	
34.	16180	005205-93-6	N- (Dimethylaminopropyl) methacrylamide	
35.	16252	000110-03-2	2, 5- Dimethylhexan-2, 5-diol	
36.	16510	000138-86-3	Dipentene	
37.	16719	003813-52-3	Endomethylene tetrahydrophthalic acid	
38.	16900	013036-41-4	N- (Ethoxymethyl) – acrylamide	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
39.	17116	005877-42-9	4-Ethyloct-1-yn-3-ol	
40.	17150	000078-27-3	1-Ethynylcyclohexanol	
41.	17305	000141-02-6	Fumaric acid, bis (2-ethylhexyl ester)	
42.	17320	002807-54-7	Fumaric acid, diallyl ester	
43.	17380	000623-91-6	Fumaric acid, diethyl ester	
44.	17398	007283-68-3	Fumaric acid, dioctadecyl ester	
45.	17800		Glucosides obtained from glucose and pentaerythritol	
46.	17830		Glucosides obtained from glucose and polyethyleneglycol (molecular weight greater than 200)	
47.	17860		Glucosides obtained from glucose and polypropyleneglycol (molecular weight greater than 400)	
48.	18436	001687-30-5	Hexahydrophthalic acid	
49.	18490	015511-81-6	Hexamethylenediamine adipate	
50.	18610	006422-99-7	Hexamethylenediamine sebacate	
51.	18850	000107-41-5	Hexyleneglycol	
52.	18865	003031-66-1	Hex-3-yn-2,5-diol	
53.	19140	026952-21-6	Isooctanol	
54.	19480	002146-71-6	Lauric acid, vinyl ester	
55.	19660	000141-05-9	Maleic acid, diethyl ester	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
56.	19690	014234-82-3	Maleic acid, diisobutyl ester	
57.	19720	001330-76-3	Maleic acid, diisooctyl ester	
58.	19750	000624-48-6	Maleic acid, dimethyl ester	
59.	19915	000925-21-3	Maleic acid, monobutyl ester	
60.	20095	046729-07-1	Methacrylic acid, 4-tert.- butylcyclohexyl ester	
61.	20200	001888-94-4	Methacrylic acid, 2-chloroethyl ester	
62.	20320	003179-47-3	Methacrylic acid, decyl ester	
63.	20455	006606-59-3	Methacrylic acid, diester with hexan-1, 6-diol	
64.	20560	000142-90-5	Methacrylic acid, dodecyl ester	
65.	20830		Methacrylic acid, esters with propan-1, 2-diol	
66.	20920	000688-84-6	Methacrylic acid, 2- ethylhexyl ester	
67.	20945	004664-49-7	Methacrylic acid, 2- hydroxyisopropyl ester (=methacrylic acid, 2- hydroxy-1- methylethyl ester)	
68.	20965	002761-09-3	Methacrylic acid, 3-hydroxypropyl ester	
69.	20980	007534-94-3	Methacrylic acid, isobornyl ester	
70.	21040	029964-84-9	Methacrylic acid, isodecyl ester	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
71.	21070	028675-80-1	Methacrylic acid, isooctyl ester	
72.	21170	000997-46-6	Methacrylic acid, monoester with butan-1, 4-diol	
73.	21250	002157-01-9	Methacrylic acid, n-octyl ester	
74.	21430	004245-37-8	Methacrylic acid, vinyl ester	
75.	21670	000563-46-2	2-Methylbut-1-ene	
76.	21733	000115-19-5	2-Methylbut-3-yn-2-ol	
77.	21736	002549-61-3	alpha-Methyl-epsilon-caprolactone	
78.	21739	002549-60-2	beta-Methyl-epsilon-caprolactone	
79.	21742	002549-58-8	delta-Methyl-epsilon-caprolactone	
80.	21745	002549-59-9	epsilon-Methyl-epsilon-caprolactone	
81.	21748	002549-42-0	gamma-Methyl-epsilon-caprolactone	
82.	21850	000095-71-6	Methylhydroquinone	
83.	21880	000717-27-1	Methylhydroquinone diacetate	
84.	22465	000112-05-0	Nonanoic acid	
85.	22690	001806-26-4	4-Octylphenol	
86.	22811	000591-93-5	Pent-1, 4-diene	
87.	22842	002590-16-1	Pentaerythritol diallyl ether	
88.	22858	005343-92-0	Pentan-1, 2-diol	
89.	22861	000111-29-5	Pentan-1, 5-diol	
90.	22901	000109-68-2	Pent-2-ene	
91.	22935	003823-94-7	Perfluoromethyl vinyl ether	

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<i>Item</i>	<i>1 PM/REF No.</i>	<i>2 CAS No.</i>	<i>3 Name</i>	<i>4 Restrictions</i>
92.	22940	006996-01-0	Perfluoropropyl vinyl ether	
93.	23140	000092-69-3	4-Phenylphenol	
94.	25158	000088-98-2	1, 2, 3, 6-Tetrahydrophthalic acid	
95.	25630	037275-47-1	1, 1, 1-Trimethylolpropane diacrylate	
96.	25645	000682-09-7	1, 1, 1-Trimethylolpropane diallyl ether	
97.	25780	025723-16-4	1, 1, 1-Trimethylolpropane propoxylated	
98.	25930	001067-53-4	Tris (2-methoxyethoxy) vinylsilane	The quantity of this substance in the finished plastic material or article shall not exceed 5 mg/kg.
99.	26200	002867-48-3	N-Vinyl-N-methylformamide	
100.	26260	001184-84-5	Vinylsulphonic acid	”

SCHEDULE 4

Regulation 2

“TABLE

Conditions of contact in actual use <i>Contact time</i>	Test conditions <i>Test time</i>
$t \leq 0.5$ hour	0.5 hour
$0.5 \text{ hour} < t \leq 1$ hour	1 hour
$1 \text{ hour} < t \leq 2$ hours	2 hours
$2 \text{ hours} < t \leq 24$ hours	24 hours
$t > 24$ hours	10 days

<i>Contact temperature</i>	<i>Test temperature</i>
$T \leq 5^{\circ}\text{C}$	5°C
$5^{\circ}\text{C} < T \leq 20^{\circ}\text{C}$	20°C
$20^{\circ}\text{C} < T \leq 40^{\circ}\text{C}$	40°C
$40^{\circ}\text{C} < T \leq 70^{\circ}\text{C}$	70°C
$7^{\circ}\text{C} < T \leq 100^{\circ}\text{C}$	100°C or reflux temperature
$100^{\circ}\text{C} < T \leq 121^{\circ}\text{C}$	$121^{\circ}\text{C}^{(1)}$
$121^{\circ}\text{C} < T \leq 130^{\circ}\text{C}$	$130^{\circ}\text{C}^{(1)}$
$130^{\circ}\text{C} < T \leq 150^{\circ}\text{C}$	$150^{\circ}\text{C}^{(2)}$
$T > 150^{\circ}\text{C}$	$175^{\circ}\text{C}^{(2)}$

(1) Use simulant C at reflux temperature.

(2) Use simulant D at 150° or 175°C , in addition to simulants A, B and C used as appropriate at 100°C or at reflux temperature.

EXPLANATORY NOTE

(This note is not part of the Regulations)

These Regulations amend the Plastic Materials and Articles in Contact with Food Regulations 1992 (S.I.1992/3145) (“the principal Regulations”) and implement Commission Directive 93/8/EEC (OJ No. L90, 14.4.93, p.22), amending Council Directive 82/711/EEC (OJ No. L297, 23.10.82, p.26) laying down the basic rules necessary for testing migration of the constituents of plastic materials and articles intended to come into contact with foodstuffs, and Commission Directive 93/9/EEC (OJ No. L90, 14.4.93, p.26), amending Commission Directive 90/128/EEC (OJ No. L75, 21.3.90, p.19, to be read with corrigendum in OJ No. L349, 13.12.90, p.26) relating to plastic materials and articles intended to come into contact with foodstuffs.

The Regulations—

- provide that the capacity of an article specified in regulation 5(4)(b)(i) of the principal Regulations is less than 500 millilitres or more than 10 litres (regulation 2(a));
- correct a drafting error in regulation 5(6) of the principal Regulations (regulation 2(b));
- correct an error and an omission in the principal Regulations (regulation 2(c) and (d) respectively);
- permit the use, sale or importation of plastic materials and articles manufactured using one or more of the monomers in Section D as inserted in Part I of Schedule 1 to the principal Regulations by these Regulations, until 1 April 1996 (regulation 2(e) and (i));
- add specified monomers to those listed in Section A of Part I to Schedule 1 of the principal Regulations (monomers authorised without time limit) (regulation 2(f));
- amend the restriction at item 26 (11- Aminoundecanoic acid) in Section A of Part I of Schedule 1 to the principal Regulations (regulation 2(g));

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- (g) substitute for Section B of Part I of Schedule 1 to the principal Regulations (monomers authorised to the end of 1996) an amended list with fewer authorised monomers (regulation 2(h));
- (h) add two further requirements to paragraph 4 of Section A of Part I of Schedule 2 to the principal Regulations specifying the conditions under which verification of compliance with migration limits is to be carried out using food and simulants respectively (regulation 2(j));
- (i) amend provisions relating to simulants to be used, and their use, in migration testing (regulation 2(k) and (l));
- (j) amend provisions relating to time and temperature test conditions (regulation 2(m) to (r));
- (k) amend the Food Safety (Sampling and Qualifications) Regulations 1990 (S.I. 1990/2463) so that those Regulations do not apply to any sample taken under the provisions of the principal Regulations (regulation 3).

A copy of the Compliance Cost Assessment in relation to these Regulations has been placed in the libraries of both Houses of Parliament and further copies can be obtained from the Chemical Safety of Food Division of the Ministry of Agriculture, Fisheries and Food, Ergon House, 17 Smith Square, London SW1P 3JR.