

## **Provisional list of additives used in Plastics**

This provisional list of additives for use in plastic food contact materials and articles contains those additives for which a valid petition has been received by 31 December 2006. These additives are not authorised at Community level.

The substances on the list have not necessarily been evaluated by EFSA. For the status of the safety evaluation please check the EFSA website [www.efsa.europa.eu](http://www.efsa.europa.eu) .

These additives are regulated at national level. Please consult the national authorities in the Member States to verify their legal status.

As from 1 January 2010 the list of additives in Directive 2002/72/EC relating to plastic materials and articles intended to come into contact with foodstuffs will become a positive list to the exclusion of all others. Substances on the provisional list may continue to be used according to national legislation after this date until a decision on their inclusion or non-inclusion into the positive list is taken.

PM ref. nr.	Name of the substance	CAS number	EFSA Opinion
31335	Acids, fatty (C8-C22) from animal or vegetable fats and oils, esters with branched alcohols, aliphatic, monohydric, saturated, primary (C3-C22)	-	Not yet adopted
31336	Acids, fatty (C8-C22) from animal or vegetable fats and oils, esters with linear alcohols, aliphatic, monohydric, saturated, primary (C1-C22)	-	Not yet adopted
31348	Acids, fatty (C8-C22), esters with pentaerythritol	-	Not yet adopted
33535	alpha-Alkenes(C20-C24)maleic anhydride-4-amino-2,2,6,6-tetramethylpiperidine, polymer	0152261-33-1	Not yet adopted
38550	Bis(4-propylbenzylidene)propylsorbitol	0882073-43-0	Not yet adopted
40155	N,N'-Bis(2,2,6,6-tetramethyl-4-piperidyl)-N,N'-diformylhexamethylenediamine	0124172-53-8	18 <sup>th</sup> list of substances for food contact materials
40619	(Butyl acrylate, butyl methacrylate, methyl methacrylate) copolymer	0025322-99-0	Not yet adopted
40620	(Butyl acrylate, methyl methacrylate) copolymer, crosslinked with allyl methacrylate	0050658-01-0	Not yet adopted
40815	(Butyl methacrylate, ethyl acrylate, methyl methacrylate) copolymer	0040471-03-2	Not yet adopted
53245	(Ethyl acrylate, methyl methacrylate) copolymer	0009010-88-2	Not yet adopted
62215	Iron	0007439-89-6	18 <sup>th</sup> list of substances for food contact materials

PM ref. nr.	Name of the substance	CAS number	EFSA Opinion
66763	(Methyl methacrylate, butyl acrylate, styrene) copolymer	0027136-15-8	Not yet adopted
68119	Neopentyl glycol, mixed diesters with benzoic acid and 2-ethyl hexanoic acid	0610787-77-4	Not yet adopted
72141	2,2'-(1,4-Phenylene) bis[4H-3,1-benzoxazin-4-one]	0018600-59-4	18 <sup>th</sup> list of substances for food contact materials
76807	Polyester of adipic acid with 1,3-butanediol, 1,2-propanediol and 2-ethyl-1-hexanol	0073018-26-5	18 <sup>th</sup> list of substances for food contact materials
77708	Polyethyleneglycol (E0=1-50) ethers of primary linear and branched C <sub>8</sub> -C <sub>22</sub> alcohols	-	19 <sup>th</sup> list of substances for food contact materials
80077	Polyethylene waxes, oxidized	0068441-17-8	Not yet adopted
80480	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)	0090751-07-8; 0082451-48-7	17 <sup>th</sup> list of substances for food contact materials
80510	Poly(3-nonyl-1,1-dioxo-1-thiopropane-1,3-diyl)-block-poly(x-oleyl-7-hydroxy-1,5-diiminooctane-1,8-diyl), process mixture with x = 1 and/or 5, neutralised with dodecylbenzenesulfonic acid	1010121-89-7	Not yet adopted
81445	Polyvinyl Isobutyl Ether	0009003-44-5	Not yet adopted
86430	20%w/w silver chloride coated onto 80% (w/w) titanium dioxide	-	16 <sup>th</sup> list of substances for food contact materials
86432	Silver-containing glass (Silver-magnesium-calcium-phosphate-borate)	-	4 <sup>th</sup> list of substances for food contact materials
86432/20	Silver containing glass (silver-magnesium-aluminium-phosphate-silicate), silver content less than 2%	-	12 <sup>th</sup> list of substances for food contact materials

PM ref. nr.	Name of the substance	CAS number	EFSA Opinion
86432/40	Silver containing glass (silver-magnesium-aluminium-sodium-phosphate-silicate-borate), silver content less than 0.5%	-	12 <sup>th</sup> list of substances for food contact materials
86432/60	Silver containing glass (silver-magnesium-sodium-phosphate), silver content less than 3 %	-	12 <sup>th</sup> list of substances for food contact materials
86434	Silver sodium hydrogen zirconium phosphate	-	4 <sup>th</sup> list of substances for food contact materials
86437	Silver Zeolite A (Silver zinc sodium ammonium alumino silicate), silver content 2-5%	-	7 <sup>th</sup> list of substances for food contact materials
86437/50	Silver-zinc- aluminium – boron – phosphate glass, mixed with 5-20% barium sulphate, silver content 0,35 – 0,6 %	-	7 <sup>th</sup> list of substances for food contact materials
86438	Silver zinc zeolite A (silver zinc sodium alumino silicate calcium metaphosphate), silver content 1 -1,6 %	-	7 <sup>th</sup> list of substances for food contact materials
86438/50	Silver zinc zeolite A (silver-zinc sodium magnesium alumino silicate calcium phosphate), silver content 0,34-0,54 %	-	7 <sup>th</sup> list of substances for food contact materials
91530	Sulphosuccinic acid alkyl (C4-C20) or cyclohexyl diesters, sodium salts	-	Not yet adopted
91815	Sulphosuccinic acid mono-alkyl (C10-C16) polyethyleneglycol esters, sodium salts	-	Not yet adopted
92200	Terephthalic acid, bis(2-ethylhexyl)ester	0006422-86-2	18 <sup>th</sup> list of substances for food contact materials
92470	N,N',N'',N'''-tetrakis(4,6-bis(N-butyl-(N methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine	0106990-43-6	17 <sup>th</sup> list of substances for food contact materials
93450	Titanium dioxide coated with a copolymer of n-octyltrichlorosilane and [aminotris(methylenephosphonic acid), penta sodium salt]	-	Not yet adopted
93485	Titanium nitride, nanoparticles	-	Not yet adopted

<b>PM ref. nr.</b>	<b>Name of the substance</b>	<b>CAS number</b>	<b>EFSA Opinion</b>
93930	2,4,4'-Trichloro-2'-hydroxydiphenyl ether	0003380-34-5	3 <sup>rd</sup> list of substances for food contact materials
94000	Triethanolamine	0000102-71-6	17 <sup>th</sup> list of substances for food contact materials
94425	Triethyl phosphonoacetate	0000867-13-0	19 <sup>th</sup> list of substances for food contact materials
94985	Trimethylolpropane, mixed triesters and diesters with benzoic acid and 2-ethylhexanoic acid	-	Not yet adopted

**Annex**

<b>EFSA Opinion</b>	<b>The EFSA Journal</b>
3 <sup>rd</sup> list of substances for food contact materials	(2004)37, 1-7
4 <sup>th</sup> list of substances for food contact materials	(2004)65,1-17
7 <sup>th</sup> list of substances for food contact materials	(2005)201, 1-28
12 <sup>th</sup> list of substances for food contact materials	(2006)395-401, 1-21
16 <sup>th</sup> list of substances for food contact materials	(2007)555-563, 1-32
17 <sup>th</sup> list of substances for food contact materials	(2007)601-609, 1-24
18 <sup>th</sup> list of substances for food contact materials	(2008)628-633, 1-19
19 <sup>th</sup> list of substances for food contact materials	(2008)698-699, 1-13

This is the link to the EFSA Opinions on the website of EFSA:

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