ANNEX

Annex I to Regulation (EU) No 10/2011 is amended as follows:

- (1) Table 1 is amended as follows:
 - (a) the entries concerning FCM substances Nos 161, 241, 344, 364, 410, 713, 784, 799, 880 and 881 are replaced by the following:

ʻ161	92160	00008	7-69-4 (+)- tartari acid		no	no				
241	22960	00001	Q BrO DO	D ho	yes	no	3			
344	13810 21821	00005	015465- butane forma	ediol	yes	no	0,05	15 30		(21)
364	15404	00006	512,4637,4		yes bitol	no	5		Only to be used as: (a) (b)	a co- monomer in poly(ethylene- co- isosorbide terephthalate); a co- monomer at levels of up to
										40 mole % of the diol component in combination with ethylene glycol

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			and/ or 1,4- bis(hydroxymethyl)cy for the production of polyesters. Polyesters made using dianhydrosorbitol together with 1,4- bis(hydroxymethyl)cyclohexane shall not be used in contact with foods containing more
	0013 32245188H	no	than 15 % alcohol. Particles can be thinner than 100 nm only if incorporated at a quantity of less than 12 % w/w in an ethylene

					vinyl alcohol copolymer (EVOH) inner layer of a multi- layer structure, in which the layer in direct contact with the food provides a functional barrier preventing migration of particles into the food.
713	43480	Chartx activa 40-44-	no	no	Only for use in PET at maximum 10 mg/ kg of polymer. Same purity requiremen as for Vegetable Carbon

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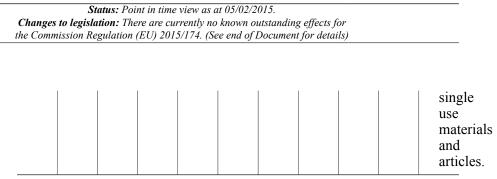
						(E 153) set out by Commission Regulation (EU) No 231/2012 ^a with exception of ash content which can be up to 10 % (w/
784	95420 074	450 70,361-5yes tris (2,2- di- methylpropa benzene	no	no)	5	w).
799	77708	polyethyden (EO = 1-50) ethers of linear and branched primary (C ₈ - C ₂₂) alcohols	egipcol	no	1,8	In compliance with the maximum ethylene oxide content as laid down in the purity criteria for food additives in Commission Regulation

									(EU) No 231/20)12.
880	31348		acids, fatty $(C_8$ - $C_{22})$, esters with pentae	yes rythrit	no ol'	no				
881	25187	00030	120,29,46,-4	E no	yes yclobut	no ane-1,:	5 3-		Only for: (a)	repeated use articles for long term storage at room temperature or below and hotfill; single use materials and articles as a co- monomer at a maximum use level of 35 mole % of the diol component of
foc	od additiv	es listed i	n Annexe	s II and I	012 of 9 N II to Regu 22.3.2012	lation (E	2 laying c C) No 133	lown spec 3/2008 o	cifications f the Euro	of pean

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polyesters, and if such materials and articles are for long term storage at room temperature or below of food types which have an alcohol content of up to 10 % and for which Table 2 of Annex III does not assign simulant D2. Hot fill conditions are allowed for such Commission Regulation (EU) No 231/2012 of 9 March 2012 laying down specifications of food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council (OJ L 83, 22.3.2012, p. 1).

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a Commission Regulation (EU) No 231/2012 of 9 March 2012 laying down specifications of food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council (OJ L 83, 22.3.2012, p. 1).'

(b) the following entries are inserted in numerical order of the FCM substance numbers:

	1		r				
859		(butad	li yas ,	no	no		Only
		ethyl					to be
		acryla	te,				used
		methy	1				as
		metha	crylate				particles
		styren					in
		copoly	ymer				non-
		crossl	inked				plasticised
		with					PVC
			lbenze	ne,			up
		in					to 10
		nanof	orm				% w/
							w in
							contact
							with
							all
							food
							types
							at
							room
							temperature
							or
							below
							including
							long-
							term
							storage. When
							used
							together
							with
							the
							substance
							with
							FCM
							No
							998
							and/
							or
							the
							substance
	1		I	I			Substance

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						with	
						FCM	
						No	
						1043,	
						the	
						restric	tion
						of	
						10 %	
						w/w	
						applie	S
						to	
						the	
						sum	
						of	
						those	
						substa	nces.
						The	
						diame	ter
						of	
						particl	es
						shall	
						be	
						> 20	
						nm,	
						and	
						for at	
						least	
						95 %	
						by	
						numbe	er
						it	
						shall	
						be	
						>40	
						nm.	
903	37486	- BPI- 4 perflu	yes	no	no	Only	
		perflu	oro-			to be	
		[(5,8,1	1,14-			used	
		tetram	ethyl)-			as a	
		tetraet	hylene	glycol		polym	er
		ethyl				produc	ction
		propy	l			aid	
		ether]				in	
						the	
						polym	erisation
						of	1
						fluoro	polymers
						intend	ed
						for:	
						(a)	repeated
							and
							single

969	24937	- - 7182-5812	næs	no	ΝΟ		(b) Only	use materials and articles when sintered or processed (non- sintered) at temperatures at or above 360 °C for at least 10 minutes or at higher temperatures for equivalent shorter times; repeated use materials and articles when processed (non- sintered) at temperatures for equivalent shorter times; repeated use materials and articles when processed (non- sintered) at temperatures from 300 °C and up to 360 °C
707	2493/	vinyl	n jæs				to be	

	acetate				used	
	copolym	ner			as a	
	wax				polym	eric
					additi	ve
					up	
					to 2	
					% w/	
					w in	~
					polyol	etins.
					The	
					migrat of	.10n
					low	
					molec	ular
					weigh	
					oligon	neric
					fractic	n
					below	
					1	
					000	
					Da	
					shall	
					not	
					exceed	ł
					5	
					mg/	
					kg	
					 food.	
998	(butadige	es , r	10	no	Only	
	ethyl				to be	
	acrylate,	,			used	
	methyl				as	
	methacr	ylate,			particl	es
	styrene)				in	
	copolym	ner			non-	inad
	not				plastic	lised
	cross- linked,				PVC up	
	in in				to 10	
	nanoforr	n			% w/	
					w in	
					contac	t
					with	
	1 1				vv i ti i	
					all	
					all food	
					all food types	
					all food types at	
					all food types at room	
					all food types at room tempe	rature
					all food types at room tempe or	rature
					all food types at room tempe	

longterm storage. When used together with the substance with FCM No 859 and/ or the substance with FCM No 1043, the restriction of 10 % w/w applies to the sum of those substances. The diameter of particles shall be > 20 nm, and for at least 95 % by number it shall be >40 nm.

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1017	25618- 56 F7glycesrol no	no	To be processed under conditions preventing the decomposition of the substance and up to a maximum
1043	(butadi yens , no ethyl acrylate, methyl methacrylate, styrene) copolymer crosslinked	no	temperature of 275 °C. Only to be used as particles in non- plasticised
	with 1,3- butanediol dimethacrylate, in nanoform		PVC up to 10 % w/ w in contact with all food types at room
			temperature or below including long- term storage. When used together with the substance with

					FCM	
					No	
					859	
					and/	
					or	
					the	
					substa	nce
					with	
					FCM	
					No	
					998,	
					the	
					restric	tion
					of	
					10 %	
					w/w	
					applie	s
					to	
					the	
					sum	
					of	
					those	
					substa	nces.
					The	
					diame	ter
					of	
					partic	es
					shall	
					be	
					> 20	
					nm,	
					and	
					for at	
					least	
					95 %	
					by	
					numb	er
					it	
					shall	
					be	
					> 40	
					nm.	
		l				l

- (c) The entry concerning FCM substance No 725 is deleted.
- (2) In Table 2, the entries concerning group restrictions Nos 15 and 30 are replaced by the following:

15	98 196 344	15	expressed as formaldehyde
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20	254	-	1 1 4
30	254	5	expressed as 1,4-
	344		butanediol
	672		

(3) In Table 3, the following entry is added:

21)	In case of reaction with foods or simulants verification of compliance shall include verification that the migration limits of the hydrolysis products, formaldehyde and 1,4- butanediol, are not exceeded.
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