



**SARBAK METAL TİC. ve SAN. A.Ş.' nin
(EC)1907/2006 SAYILI REACH TÜZÜĞÜ
UYGULAMALARI HAKKINDA BİLGİLENDİRMESİDİR
-TEMMUZ 2017-**

REACH (Registration, Evaluation and Authorisation of Chemicals / Kimyasalların –Metaller de dahil- Kaydı, Değerlendirilmesi ve İzni) tüzüğü 1 Haziran 2007 tarihinde yürürlüğe girmiş bulunmaktadır.

REACH Tüzüğü'nün yürürlüğe girmesinden bir yıl sonra, 1 Haziran 2008- 30 Kasım 2008 tarihleri arasında Ön-Kayıt süreci tamamlanmıştır. Sarbak Metal, ön kayıt işlemini gerçekleştirmiştir. Ön kaydı yaptırdığımız maddelerin kayıt süreleri de belirlenmiştir.

REACH uygulaması içinde, tüzüğün EK14' ünde yer alması planlanan SVHC Aday Listesi 28 Ekim 2008 (15 madde için) tarihinde yayınlanmıştır. Bu listeye 13 Ocak 2010 tarihinde 14, 30 Mart 2010 tarihinde 1 adet, 18 Haziran 2010 tarihinde 8, 15 Aralık 2010 tarihinde 8 adet, 20 Haziran 2011 tarihinde 7 yeni madde, 19 Aralık 2011 tarihinde 20 madde, 18 Haziran 2012 tarihinde 13 madde, 19 Aralık 2012 tarihinde 54 madde, 20 Haziran 2013 tarihinde 6 madde, 16 Aralık 2013 tarihinde 7 madde, 16 Haziran 2014 tarihinde 4 madde, 17 Aralık 2014 tarihinde 6 madde, 15 Haziran 2015 tarihinde 2 madde, 17 Aralık 2015 tarihinde 5 madde, 20 Haziran 2016 tarihinde 1 madde, 12 Ocak 2017 tarihinde 4 madde ve son olarak 07 Temmuz 2017 tarihinde 1 madde eklenmiştir. Ayrıca 13 Ekim 2010 ve 19 Aralık 2011 tarihinde listeye giren 2 giriş Al-RCF ve ZrAl-RCF olarak birleştirilmiştir, 28 Ekim 2008 tarihinde listeye giren Bis (2-ethylhexyl)phthalate (DEHP) maddesi güncellenmiştir. İlavelerden sonraki güncel SVHC listesini yazımız ekinde bulabilirsiniz.

SARBAK METAL üretimlerinin SVHC Aday Listesinde geçen 174 maddeden hiçbirini içermediğini siz değerli müşterilerimize önemle bildiririz.

**ÖZGE DELİ
MAKİNE MÜHENDİSİ
ÇEVRE YÖNETİCİSİ**

**TUĞHAN ÖZÇAMSIRTI
METALURJİ MÜHENDİSİ
FABRİKA MÜDÜRÜ**

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EK: SVHC Aday Listesi

no	Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion	Decision number
				Impurities (where relevant for C&L, PBT/vPvB)		
1.	<u>Perfluorohexane-1-sulphonic acid and its salts</u> PFHxS	-	-	07/07/2017	vPvB (Article 57e)	ED/30/2017
2.	<u>4,4'-isopropylidenediphenol</u> Bisphenol A; BPA	201-245-8	80-05-7	12/01/2017	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	ED/30/2017 ED/01/2017
3.	<u>4-heptylphenol, branched and linear</u> substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	12/01/2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017
4.	<u>Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts</u> <u>Nonadecafluorodecanoic acid</u> EC no.: 206-400-3 CAS	-	-	12/01/2017	Toxic for reproduction (Article 57c) PBT (Article 57 d)	ED/01/2017

	no.: 335-76-2					
	Decanoic acid, nonadecafluoro-, sodium salt EC					
	no.: - CAS no.: 3830-45-3					
	Ammonium nonadecafluorodecanoate EC no.:221-470-5 CAS no.: 3108-42-7					
5.	p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	12/01/2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017
6.	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	20/06/2016	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e)	ED/21/2016
7.	1,3-propanesultone	214-317-9	1120-71-4	17/12/2015	Carcinogenic (Article 57a)	ED/79/2015
8.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17/12/2015	vPvB (Article 57 e)	ED/79/2015
9.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17/12/2015	vPvB (Article 57 e)	ED/79/2015

10.	Nitrobenzene	202-716-0	98-95-3	17/12/2015	Toxic for reproduction (Article 57c)	ED/79/2015
11.	Perfluorononan-1-oic-acid and its sodium and ammonium salts Ammonium salts of perfluorononan-1-oic-acid EC no.: - CAS no.: -, 4149-60-4 Perfluorononan-1-oic-acid EC no.: 206-801-3 CAS no.: 375-95-1 Sodium salts of perfluorononan-1-oic-acid EC no.: - CAS no.: -, 21049-39-8	-	-	17/12/2015	Toxic for reproduction (Article 57c) PBT (Article 57 d)	ED/79/2015
12.	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters EC no.: 272-013-1 CAS no.: 68648-93-1 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl	-	-	15/06/2015	Toxic for reproduction (Article 57c)	ED_39_2015.pdf

	esters EC no.: 271-094-0 CAS no.: 68515-51-5					
13.	<p>5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]</p> <p>covering any of the individual stereoisomers of [1] and [2] or any combination thereof</p> <p>5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC no.: - CAS no.: -</p> <hr/> <p>5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC no.: - CAS no.: -</p>	-	-	15/06/2015	vPvB (Article 57 e)	ED/39/2015
14.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)	ED/108/2014
15.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)	ED/108/2014
16.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17/12/2014	Toxic for reproduction (Article 57c)	ED/108/2014
17.	Cadmium fluoride	232-222-0	7790-79-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/108/2014

					Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	
18.	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/108/2014
19.	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17/12/2014	Toxic for reproduction (Article 57c)	ED/108/2014
20.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
21.	Cadmium chloride	233-296-7	10108-64-2	16/06/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/49/2014

					Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	
22.	Sodium perborate, perboric acid, sodium salt Perboric acid, sodium salt EC no.: 234-390-0 CAS no.: 11138-47-9 <hr/> Sodium perborate EC no.: 239-172-9 CAS no.:15120-21-5	-	-	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
23.	Sodium peroxometaborate	231-556-4	7632-04-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
24.	Cadmium sulphide	215-147-8	1306-23-6	16/12/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/121/2013
25.	Dihexyl phthalate	201-559-5	84-75-3	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
26.	Disodium 3,3'-[1,1'-biphenyl]-4,4'-diylbis(azo)l-bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	16/12/2013	Carcinogenic (Article 57a)	ED/121/2013

27.	Disodium 4-amino-3-[[4'-(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7	16/12/2013	Carcinogenic (Article 57a)	ED/121/2013
28.	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
29.	Lead di(acetate)	206-104-4	301-04-2	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
30.	Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
31.	4-Nonylphenol, branched and linear, ethoxylated substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof	-	-	20/06/2013	Endocrine disrupting properties (Article 57(f) - environment)	ED/69/2013
32.	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20/06/2013	PBT (Article 57 d) Toxic for reproduction (Article 57c)	ED/69/2013
33.	Cadmium	231-152-8	7440-43-9	20/06/2013	Carcinogenic (Article 57a)	ED/69/2013

					Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	
34.	Cadmium oxide	215-146-2	1306-19-0	20/06/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/69/2013
35.	Dipentyl phthalate (DPP)	205-017-9	131-18-0	20/06/2013	Toxic for reproduction (Article 57c)	ED/69/2013
36.	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20/06/2013	PBT (Article 57 d) Toxic for reproduction (Article 57c)	ED/69/2013
37.	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
38.	1,2-diethoxyethane	211-076-1	629-14-1	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
39.	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
40.	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
41.	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012

42.	4,4'-oxydianiline and its salts 4,4'-oxydianiline EC no.: 202-977-0 CAS no.:101-80-4	-	-	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/169/2012
43.	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues	-	-	19/12/2012	Endocrine disrupting properties (Article 57(f) - environment)	ED/169/2012
44.	4-aminoazobenzene	200-453-6	60-09-3	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
45.	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
46.	4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	19/12/2012	Endocrine disrupting properties (Article 57(f) - environment)	ED/169/2012
47.	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
48.	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
49.	Acetic acid, lead salt, basic	257-175-3	51404-69-4	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012

50.	Biphenyl-4-ylamine	202-177-1	92-67-1	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
51.	ane-1-sulphonic acid and its salts PFHxS	-	-	07/07/2017	vPvB (Article 57e)	ED/30/2017
52.	4,4'-isopropylidenediphenol Bisphenol A; BPA	201-245-8	80-05-7	12/01/2017	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	ED/30/2017 ED/01/2017
53.	4-heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	12/01/2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017
54.	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC no.: 206-400-3 CAS no.: 335-76-2 Decanoic acid, nonadecafluoro-, sodium salt EC	-	-	12/01/2017	Toxic for reproduction (Article 57c) PBT (Article 57 d)	ED/01/2017

	no.: - CAS no.: 3830-45-3 Ammonium nonadecafluorodecanoate EC no.:221-470-5 CAS no.: 3108-42-7					
55.	p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	12/01/2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017
56.	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	20/06/2016	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e)	ED/21/2016
57.	1,3-propanesultone	214-317-9	1120-71-4	17/12/2015	Carcinogenic (Article 57a)	ED/79/2015
58.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17/12/2015	vPvB (Article 57 e)	ED/79/2015
59.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17/12/2015	vPvB (Article 57 e)	ED/79/2015
60.	Nitrobenzene	202-716-0	98-95-3	17/12/2015	Toxic for reproduction (Article 57c)	ED/79/2015
61.	Perfluorononan-1-oic-acid and its sodium and	-	-	17/12/2015	Toxic for reproduction (Article	ED/79/2015

	<p>ammonium salts</p> <p>Ammonium salts of perfluorononan-1-oic-acid EC no.: - CAS no.: -, 4149-60-4</p> <p>Perfluorononan-1-oic-acid EC no.: 206-801-3 CAS no.: 375-95-1</p> <p>Sodium salts of perfluorononan-1-oic-acid EC no.: - CAS no.: -, 21049-39-8</p>				57c) PBT (Article 57 d)	
62.	<p>1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters</p> <p>with \geq 0.3% of dihexyl phthalate (EC No. 201-559-5)</p> <p>1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters EC no.: 272-013-1 CAS no.: 68648-93-1</p> <p>1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters EC no.: 271-094-0 CAS no.: 68515-51-5</p>	-	-	15/06/2015	Toxic for reproduction (Article 57c)	ED 39 2015.pdf
63.	<p>5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]</p>	-	-	15/06/2015	vPvB (Article 57 e)	ED/39/2015

	covering any of the individual stereoisomers of [1] and [2] or any combination thereof 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC no.: - CAS no.: - 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC no.: - CAS no.: -					
64.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)	ED/108/2014
65.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)	ED/108/2014
66.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17/12/2014	Toxic for reproduction (Article 57c)	ED/108/2014
67.	Cadmium fluoride	232-222-0	7790-79-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/108/2014
68.	Cadmium sulphate	233-331-6	10124-36-	17/12/2014	Carcinogenic (Article 57a)	ED/108/2014

			4, 31119-53-6		Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	
69.	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17/12/2014	Toxic for reproduction (Article 57c)	ED/108/2014
70.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
71.	Cadmium chloride	233-296-7	10108-64-2	16/06/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/49/2014
72.	Sodium perborate, perboric acid, sodium salt	-	-	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014

	Perboric acid, sodium salt EC no.: 234-390-0 CAS no.: 11138-47-9				57c)	
	Sodium perborate EC no.: 239-172-9 CAS no.:15120-21-5					
73.	Sodium peroxometaborate	231-556-4	7632-04-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
74.	Cadmium sulphide	215-147-8	1306-23-6	16/12/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/121/2013
75.	Dihexyl phthalate	201-559-5	84-75-3	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
76.	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	16/12/2013	Carcinogenic (Article 57a)	ED/121/2013
77.	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7	16/12/2013	Carcinogenic (Article 57a)	ED/121/2013
78.	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013

79.	Lead di(acetate)	206-104-4	301-04-2	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
80.	Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
81.	4-Nonylphenol, branched and linear, ethoxylated substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof	-	-	20/06/2013	Endocrine disrupting properties (Article 57(f) - environment)	ED/69/2013
82.	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20/06/2013	PBT (Article 57 d) Toxic for reproduction (Article 57c)	ED/69/2013
83.	Cadmium	231-152-8	7440-43-9	20/06/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/69/2013
84.	Cadmium oxide	215-146-2	1306-19-0	20/06/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure	ED/69/2013

					(Article 57(f) - human health)	
85.	Dipentyl phthalate (DPP)	205-017-9	131-18-0	20/06/2013	Toxic for reproduction (Article 57c)	ED/69/2013
86.	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20/06/2013	PBT (Article 57 d) Toxic for reproduction (Article 57c)	ED/69/2013
87.	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
88.	1,2-diethoxyethane	211-076-1	629-14-1	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
89.	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
90.	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
91.	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
92.	4,4'-oxydianiline and its salts 4,4'-oxydianiline EC no.: 202-977-0 CAS no.:101-80-4	-	-	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/169/2012
93.	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB	-	-	19/12/2012	Endocrine disrupting properties (Article 57(f) - environment)	ED/169/2012

	substances, polymers and homologues					
94.	4-aminoazobenzene	200-453-6	60-09-3	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
95.	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
96.	4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	19/12/2012	Endocrine disrupting properties (Article 57(f) - environment)	ED/169/2012
97.	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
98.	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
99.	Acetic acid, lead salt, basic	257-175-3	51404-69-4	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
100.	Biphenyl-4-ylamine	202-177-1	92-67-1	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
101.	ane-1-sulphonic acid and its salts PFHxS	-	-	07/07/2017	vPvB (Article 57e)	ED/30/2017

102.	<u>4,4'-isopropylidenediphenol</u> Bisphenol A; BPA	201-245-8	80-05-7	12/01/2017	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	ED/30/2017 ED/01/2017
103.	<u>4-heptylphenol, branched and linear</u> substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	12/01/2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017
104.	<u>Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts</u> <u>Nonadecafluorodecanoic acid</u> EC no.: 206-400-3 CAS no.: 335-76-2 <u>Decanoic acid, nonadecafluoro-, sodium salt</u> EC no.: - CAS no.: 3830-45-3 <u>Ammonium nonadecafluorodecanoate</u> EC no.: 221-470-5 CAS no.: 3108-42-7	-	-	12/01/2017	Toxic for reproduction (Article 57c) PBT (Article 57 d)	ED/01/2017
105.	<u>p-(1,1-dimethylpropyl)phenol</u>	201-280-9	80-46-6	12/01/2017	Endocrine disrupting properties (Article 57(f) -	ED/01/2017

					environment)	
106.	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	20/06/2016	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e)	ED/21/2016
107.	1,3-propanesultone	214-317-9	1120-71-4	17/12/2015	Carcinogenic (Article 57a)	ED/79/2015
108.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17/12/2015	vPvB (Article 57 e)	ED/79/2015
109.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17/12/2015	vPvB (Article 57 e)	ED/79/2015
110.	Nitrobenzene	202-716-0	98-95-3	17/12/2015	Toxic for reproduction (Article 57c)	ED/79/2015
111.	Perfluorononan-1-oic-acid and its sodium and ammonium salts Ammonium salts of perfluorononan-1-oic-acid EC no.: - CAS no.: -, 4149-60-4 Perfluorononan-1-oic-acid EC no.: 206-801-3 CAS no.: 375-95-1 Sodium salts of perfluorononan-1-oic-acid EC no.: -	-	-	17/12/2015	Toxic for reproduction (Article 57c) PBT (Article 57 d)	ED/79/2015

	CAS no.: -, 21049-39-8					
112.	<p>1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters</p> <p>with \geq 0.3% of dihexyl phthalate (EC No. 201-559-5)</p> <p>1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters EC no.: 272-013-1 CAS no.: 68648-93-1</p> <p>1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters EC no.: 271-094-0 CAS no.: 68515-51-5</p>	-	-	15/06/2015	Toxic for reproduction (Article 57c)	ED_39_2015.pdf
113.	<p>5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]</p> <p>covering any of the individual stereoisomers of [1] and [2] or any combination thereof</p> <p>5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC no.: - CAS no.: -</p> <p>5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-</p>	-	-	15/06/2015	vPvB (Article 57 e)	ED/39/2015

	methyl-1,3-dioxane EC no.: - CAS no.: -					
114.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)	ED/108/2014
115.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)	ED/108/2014
116.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17/12/2014	Toxic for reproduction (Article 57c)	ED/108/2014
117.	Cadmium fluoride	232-222-0	7790-79-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/108/2014
118.	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/108/2014

119.	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17/12/2014	Toxic for reproduction (Article 57c)	ED/108/2014
120.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
121.	Cadmium chloride	233-296-7	10108-64-2	16/06/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/49/2014
122.	Sodium perborate, perboric acid, sodium salt Perboric acid, sodium salt EC no.: 234-390-0 CAS no.: 11138-47-9 Sodium perborate EC no.: 239-172-9 CAS no.:15120-21-5	-	-	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
123.	Sodium peroxometaborate	231-556-4	7632-04-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014

					57c)	
124.	Cadmium sulphide	215-147-8	1306-23-6	16/12/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/121/2013
125.	Dihexyl phthalate	201-559-5	84-75-3	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
126.	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	16/12/2013	Carcinogenic (Article 57a)	ED/121/2013
127.	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7	16/12/2013	Carcinogenic (Article 57a)	ED/121/2013
128.	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
129.	Lead di(acetate)	206-104-4	301-04-2	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
130.	Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
131.	4-Nonylphenol, branched and linear,	-	-	20/06/2013	Endocrine disrupting	ED/69/2013

	<u>ethoxylated</u> substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof				properties (Article 57(f) - environment)	
132.	<u>Ammonium pentadecafluorooctanoate (APFO)</u>	223-320-4	3825-26-1	20/06/2013	PBT (Article 57 d) Toxic for reproduction (Article 57c)	ED/69/2013
133.	<u>Cadmium</u>	231-152-8	7440-43-9	20/06/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/69/2013
134.	<u>Cadmium oxide</u>	215-146-2	1306-19-0	20/06/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/69/2013
135.	<u>Dipentyl phthalate (DPP)</u>	205-017-9	131-18-0	20/06/2013	Toxic for reproduction (Article 57c)	ED/69/2013
136.	<u>Pentadecafluorooctanoic acid (PFOA)</u>	206-397-9	335-67-1	20/06/2013	PBT (Article 57 d) Toxic for reproduction (Article 57c)	ED/69/2013

					57c)	
137.	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
138.	1,2-diethoxyethane	211-076-1	629-14-1	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
139.	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
140.	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
141.	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
142.	4,4'-oxydianiline and its salts 4,4'-oxydianiline EC no.: 202-977-0 CAS no.:101-80-4	-	-	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/169/2012
143.	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues	-	-	19/12/2012	Endocrine disrupting properties (Article 57(f) - environment)	ED/169/2012
144.	4-aminoazobenzene	200-453-6	60-09-3	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
145.	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012

146.	<u>4-Nonylphenol, branched and linear</u> substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	19/12/2012	Endocrine disrupting properties (Article 57(f) - environment)	ED/169/2012
147.	<u>6-methoxy-m-toluidine (p-cresidine)</u>	204-419-1	120-71-8	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
148.	<u>[Phthalato(2-)]dioxotrilead</u>	273-688-5	69011-06-9	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
149.	<u>Acetic acid, lead salt, basic</u>	257-175-3	51404-69-4	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
150.	<u>Biphenyl-4-ylamine</u>	202-177-1	92-67-1	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
151.	<u>ane-1-sulphonic acid and its salts</u> PFHxS	-	-	07/07/2017	vPvB (Article 57e)	ED/30/2017
152.	<u>4,4'-isopropylidenediphenol</u> Bisphenol A; BPA	201-245-8	80-05-7	12/01/2017	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	ED/30/2017 ED/01/2017

153.	<u>4-heptylphenol, branched and linear</u> substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	12/01/2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017
154.	<u>Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts</u> <u>Nonadecafluorodecanoic acid</u> EC no.: 206-400-3 CAS no.: 335-76-2 <u>Decanoic acid, nonadecafluoro-, sodium salt</u> EC no.: - CAS no.: 3830-45-3 <u>Ammonium nonadecafluorodecanoate</u> EC no.:221-470-5 CAS no.: 3108-42-7	-	-	12/01/2017	Toxic for reproduction (Article 57c) PBT (Article 57 d)	ED/01/2017
155.	<u>p-(1,1-dimethylpropyl)phenol</u>	201-280-9	80-46-6	12/01/2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017
156.	<u>Benzo[def]chrysene (Benzo[a]pyrene)</u>	200-028-5	50-32-8	20/06/2016	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)	ED/21/2016

					PBT (Article 57 d) vPvB (Article 57 e)	
157.	1,3-propanesultone	214-317-9	1120-71-4	17/12/2015	Carcinogenic (Article 57a)	ED/79/2015
158.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17/12/2015	vPvB (Article 57 e)	ED/79/2015
159.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17/12/2015	vPvB (Article 57 e)	ED/79/2015
160.	Nitrobenzene	202-716-0	98-95-3	17/12/2015	Toxic for reproduction (Article 57c)	ED/79/2015
161.	Perfluorononan-1-oic-acid and its sodium and ammonium salts Ammonium salts of perfluorononan-1-oic-acid EC no.: - CAS no.: -, 4149-60-4 Perfluorononan-1-oic-acid EC no.: 206-801-3 CAS no.: 375-95-1 Sodium salts of perfluorononan-1-oic-acid EC no.: - CAS no.: -, 21049-39-8	-	-	17/12/2015	Toxic for reproduction (Article 57c) PBT (Article 57 d)	ED/79/2015
162.	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	-	15/06/2015	Toxic for reproduction (Article 57c)	ED_39_2015.pdf

	with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters EC no.: 272-013-1 CAS no.: 68648-93-1 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters EC no.: 271-094-0 CAS no.: 68515-51-5					
163.	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1] , 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] covering any of the individual stereoisomers of [1] and [2] or any combination thereof 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC no.: - CAS no.: - 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC no.: - CAS no.: -	-	-	15/06/2015	vPvB (Article 57 e)	ED/39/2015
164.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)	ED/108/2014
165.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)	ED/108/2014

166.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17/12/2014	Toxic for reproduction (Article 57c)	ED/108/2014
167.	Cadmium fluoride	232-222-0	7790-79-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/108/2014
168.	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/108/2014
169.	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17/12/2014	Toxic for reproduction (Article 57c)	ED/108/2014

170.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
171.	Cadmium chloride	233-296-7	10108-64-2	16/06/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/49/2014
172.	Sodium perborate, perboric acid, sodium salt Perboric acid, sodium salt EC no.: 234-390-0 CAS no.: 11138-47-9 Sodium perborate EC no.: 239-172-9 CAS no.:15120-21-5	-	-	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
173.	Sodium peroxometaborate	231-556-4	7632-04-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
174.	Cadmium sulphide	215-147-8	1306-23-6	16/12/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/121/2013