

HEW-KABEL GmbH, July 2019

Dear customers,

The purpose of this letter is to inform you of the status of our products with respect to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), 2015/863/EU (RoHS)- Restriction of Hazardous Substances Directive or RoHS as well as the 2000/53/EC - Directive End of Life Vehicles "ELV".

HEW-KABEL GmbH manufactures, imports and supplies products which qualify as "articles", as defined in the REACH regulations, and which therefore do not require registration with the European Chemicals Agency (ECHA) in Helsinki.

In addition, HEW-KABEL GmbH will not be required to submit a registration for the chemical substances contained in the "articles" as no substances are intended to be released under normal or reasonably foreseeable conditions of use.

In order to meet our obligations under Article 33 of the Regulations, we will advise of any products which contain substances subsequently included on published candidate lists. In addition we will provide all required information.

In recognition of our duties within the supply chain, and to ensure full compliance with this legislation, all HEW-KABEL GmbH facilities in Europe are working with their suppliers to ensure the proper pre-registration and registration of all base chemical substances, as appropriate.

We will continue our efforts in this area to ensure that there is no disruption within the supply chain and that all products manufactured and supplied by HEW-KABEL GmbH will be fully compliant with the regulations.

Furthermore, to inform our customers of the automotive industry, we publish material data sheets at International Material Data System (IMDS) to ensure, that the forbidden substances registered in the Global Automotive Declarable Substance List (GADSL) are not contained in our products.

Based on our current state of knowledge, following products / product groups are not contained in our cables and wires or are below the required values.

In general:

- a) Substances meeting the criteria for classification as carcinogenic category 1 or 2 in accordance with Directive 67/548/EEC,
- b) Substances meeting the criteria for classification as mutagenic category 1 or 2 in accordance with Directive 67/548/EEC,
- c) Substances meeting the criteria for classification as toxic for reproduction category 1 or 2 in accordance with Directive 67/548/EEC,

- d) Substances which are persistent, bioaccumulative and toxic in accordance with the criteria set out in Annex XIII of the EC Regulation No 1907/2006 (REACH),
- e) Substances which are very persistent, very bioaccumulative and very toxic in accordance with the criteria set out in Annex XIII of the EC Regulation No 1907/2006 (REACH),
- f) Substances – such as those having endocrine disrupting properties or those having persistent, bioaccumulative and toxic properties or very persistent, very bioaccumulative and very toxic properties, which do not fulfill the criteria of points a) till e) – for which there is a scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern to those of other substances listed above and which are identified on a case-by-case basis in accordance with the procedure set out in Article 59 of the EC Regulation 1907/2006 (REACH).
- g) Substances which are listed in the Candidate List of Substances of Very High Concern for authorisation (SVHC). You will find the complete Candidate List of ECHA as enclosure.
- h) The Restriction of Hazardous Substances Directive or "RoHS" restricts the use of the following substances: Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr⁶⁺), Polybrominated biphenyls (PBB), Polybrominated diphenyl ether (PBDE), Decabromdiphenylether (DecaBDE), Bis(2-Ethylhexyl) phthalat (DEHP), Benzyl butyl phthalat (BBP), Dibutyl phthalat (DBP) and Diisobutyl phthalat (DIBP).

Should you have any questions or remarks, please do not hesitate to contact us,.

Sincerely yours,

HEW-KABEL GmbH

Dr. Rainer Flohr
- CEO -

Dr. rer. nat. Udo Schmidt
- Material Development Engineer -

Candidate List of ECHA:

Substance name	EC No.	CAS No.	Reason for inclusion	Date of inclusion
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides	-	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)#Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16.07.2019
2-methoxyethyl acetate	203-772-9	110-49-6	Toxic for reproduction (Article 57c)	16.07.2019
4-tert-butylphenol	202-679-0	98-54-4	Endocrine disrupting properties (Article 57(f) - environment)	16.07.2019
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	Endocrine disrupting properties (Article 57(f) - environment)	16.07.2019
1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	Endocrine disrupting properties (Article 57(f) - environment)	15.01.2019
4-(4'-hydroxyphenyl)-4-methylpiperidine	401-720-1	6807-17-6	Toxic for reproduction (Article 57c)	15.01.2019
Benzo[k]fluoranthene	205-916-6	207-08-9	Carcinogenic (Article 57a)# PBT (Article 57d)#vPvB (Article 57e)	15.01.2019
Fluoranthene	205-912-4	206-44-0	PBT (Article 57d)# vPvB (Article 57e)	15.01.2019
Phenanthrene	201-581-5	85-01-8	vPvB (Article 57e)	15.01.2019
Pyrene	204-927-3	129-00-0	PBT (Article 57d)# vPvB (Article 57e)	15.01.2019

ne-1,2,4-tricarboxylic acid 1,2 an	209-008-0	552-30-7	Respiratory sensitising properties (Article 57(f) - human health)	27.06.2018
Benzo[ghi]perylene	205-883-8	191-24-2	PBT (Article 57d)# vPvB (Article 57e)	27.06.2018
Decamethylcyclopentasiloxane	208-764-9	541-02-6	PBT (Article 57d)# vPvB (Article 57e)	27.06.2018
Dicyclohexyl phthalate	201-545-9	84-61-7	Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)	27.06.2018
Disodium octaborate	234-541-0	12008-41-2	Toxic for reproduction (Article 57c)	27.06.2018
Dodecamethyl cyclohexasiloxane	208-762-8	540-97-6	PBT (Article 57d)# vPvB (Article 57e)	27.06.2018
Ethylenediamine	203-468-6	107-15-3	Respiratory sensitising properties (Article 57(f) - human health)	27.06.2018
Lead	231-100-4	7439-92-1	Toxic for reproduction (Article 57c)	27.06.2018
Octamethyl cyclotetrasiloxane	209-136-7	556-67-2	PBT (Article 57d) #vPvB (Article 57e)	27.06.2018
Terphenyl, hydrogenated	262-967-7	61788-32-7	vPvB (Article 57e)	27.06.2018
1,6,7,8,9,14,15,16,17,17,18,18 - Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10] octadeca-7,15-diene ("Dechlorane Plus"™)	-	-	vPvB (Article 57e)	15.01.2018
1,6,7,8,9,14,15,16,17,17,18,18 - dodecachloropentacyclo[12.2.1.16,9.02,13.05,10] octadeca-7,15-diene	236-948-9	13560-89-9	vPvB (Article 57e)	15.01.2018
rel- (1R,4S,4aS,6aS,7S,10R,10aR,12aR)- 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro- 1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro- 1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-	-	vPvB (Article 57e)	15.01.2018

rel- (1R,4S,4aS,6aR,7R,10S,10aS,12aR) -1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro- 1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro- 1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-	-	vPvB (Article 57e)	15.01.2018
Benz[a]anthracene	200-280-6	56-55-3	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)	15.01.2018
Cadmium carbonate	208-168-9	513-78-0	Carcinogenic (Article 57a)#Mutagenic (Article 57b) #Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15.01.2018
Cadmium hydroxide	244-168-5	21041-95-2	Carcinogenic (Article 57a)#Mutagenic (Article 57b) #Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15.01.2018
Cadmium nitrate	233-710-6	10325-94-7	Carcinogenic (Article 57a)#Mutagenic (Article 57b) #Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15.01.2018
Chrysene	205-923-4	218-01-9	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)	15.01.2018
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	Endocrine disrupting properties (Article 57(f) - environment)	15.01.2018
prohexane-1-sulphonic acid and its salts	-	-	vPvB (Article 57e)	07.07.2017
4,4'-isopropylidenediphenol	201-245-8	80-05-7	Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - environment) #Endocrine disrupting properties (Article 57(f) - human health)	12.01.2017

4-heptylphenol, branched and linear	-	-	rupting properties (Article 57(f) -	12.01.2017
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	-	Toxic for reproduction (Article 57c)#PBT (Article 57d)	12.01.2017
Nonadecafluorodecanoic acid	206-400-3	335-76-2	Toxic for reproduction (Article 57c)#PBT (Article 57d)	12.01.2017
Decanoic acid, nonadecafluoro-, sodium salt	-	3830-45-3	Toxic for reproduction (Article 57c)#PBT (Article 57d)	12.01.2017
Ammonium nonadecafluorodecanoate	221-470-5	3108-42-7	Toxic for reproduction (Article 57c)#PBT (Article 57d)	12.01.2017
p-(1,1-dimethylpropyl) phenol	201-280-9	80-46-6	Endocrine disrupting properties (Article 57(f) - environment)	12.01.2017
Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	Carcinogenic (Article 57a)#Mutagenic (Article 57b) #Toxic for reproduction (Article 57c)#PBT (Article 57d) #vPvB (Article 57e)	20.06.2016
1,3-propanesultone	214-317-9	1120-71-4	Carcinogenic (Article 57a)	17.12.2015
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	vPvB (Article 57e)	17.12.2015
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	vPvB (Article 57e)	17.12.2015
Nitrobenzene	202-716-0	98-95-3	Toxic for reproduction (Article 57c)	17.12.2015
Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	-	Toxic for reproduction (Article 57c)#PBT (Article 57d)	17.12.2015
Perfluorononan-1-oic-acid	206-801-3	375-95-1	Toxic for reproduction (Article 57c)#PBT (Article 57d)	17.12.2015
Sodium salts of perfluorononan-1-oic-acid	-	-, 21049-39-8	Toxic for reproduction (Article 57c)#PBT (Article 57d)	17.12.2015
Ammonium salts of perfluorononan-1-oic-acid	-	-, 4149-60-4	Toxic for reproduction (Article 57c)#PBT (Article 57d)	17.12.2015

1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	-	Toxic for reproduction (Article 57c)	15.06.2015
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	272-013-1	68648-93-1	Toxic for reproduction (Article 57c)	15.06.2015
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	271-094-0	68515-51-5	Toxic for reproduction (Article 57c)	15.06.2015
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]	-	-	vPvB (Article 57e)	15.06.2015
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-	vPvB (Article 57e)	15.06.2015
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-	vPvB (Article 57e)	15.06.2015
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	PBT (Article 57d)# vPvB (Article 57e)	17.12.2014
2-benzotriazol-2-yl-4,6-ditert-butylphenol (UV-320)	223-346-6	3846-71-7	PBT (Article 57d)# vPvB (Article 57e)	17.12.2014
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	Toxic for reproduction (Article 57c)	17.12.2014
Cadmium fluoride	232-222-0	7790-79-6	Carcinogenic (Article 57a)# Mutagenic (Article 57b) #Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57 (f) - human health)	17.12.2014

Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	Carcinogenic (Article 57a)# Mutagenic (Article 57b) #Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57 (f) - human health)	17.12.2014
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)	-	-	Toxic for reproduction (Article 57c)	17.12.2014
1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	271-093-5	68515-50-4	Toxic for reproduction (Article 57c)	16.06.2014
Cadmium chloride	233-296-7	10108-64-2	Carcinogenic (Article 57a) #Mutagenic (Article 57b) #Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	16.06.2014
Sodium perborate, perboric acid, sodium salt	-	-	Toxic for reproduction (Article 57c)	16.06.2014
Perboric acid, sodium salt	234-390-0	11138-47-9	Toxic for reproduction (Article 57c)	16.06.2014
Sodium perborate	239-172-9	15120-21-5	Toxic for reproduction (Article 57c)	16.06.2014
Sodium peroxometaborate	231-556-4	7632-04-4	Toxic for reproduction (Article 57c)	16.06.2014
Cadmium sulphide	215-147-8	1306-23-6	Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	16.12.2013
Dihexyl phthalate	201-559-5	84-75-3	Toxic for reproduction (Article 57c)	16.12.2013

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	Carcinogenic (Article 57a)	16.12.2013
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	Carcinogenic (Article 57a)	16.12.2013
Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	Toxic for reproduction (Article 57c)	16.12.2013
Lead di(acetate)	206-104-4	301-04-2	Toxic for reproduction (Article 57c)	16.12.2013
Trixylyl phosphate	246-677-8	25155-23-1	Toxic for reproduction (Article 57c)	16.12.2013
4-Nonylphenol, branched and linear, ethoxylated	-	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
26-(4-nonylphenoxy)-3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol	604-395-6	14409-72-4	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
2-[2-(4-nonylphenoxy)ethoxy]ethanol	243-816-4	20427-84-3	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, branched, ethoxylated	500-209-1	68412-54-4	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
4-Nonylphenol, ethoxylated	500-045-0	26027-38-3	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, ethoxylated	500-024-6	9016-45-9	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, ethoxylated (6,5-EO) (9016-45-9)	931-753-1	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, ethoxylated (15-EO) (9016-45-9)	931-756-8	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, ethoxylated (10-EO) (9016-45-9)	931-755-2	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013

Nonylphenol, ethoxylated (8-EO) (9016-45-9)	931-754-7	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	230-770-5	7311-27-5	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-743-1	27942-27-4	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, branched, ethoxylated (CAS# 68412-54-4)	932-688-1	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, ethoxylated (EO = 4)	939-975-0	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, ethoxylated (polymer)	938-618-6	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol	687-833-9	1119449-38-5	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	687-832-3	1119449-37-4	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol polyglycoether	932-998-7	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol, ethoxylated (EO = 10)	939-993-9	-	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Isononylphenol, ethoxylated	609-346-2	37205-87-1	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
4-Nonylphenol, branched, ethoxylated	500-315-8	127087-87-0	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	247-816-5	26571-11-9	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Nonylphenol polyglykoether	931-562-3	9016-45-9	Endocrine disrupting properties (Article 57(f) - environment)	20.06.2013
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	Toxic for reproduction (Article 57c)#PBT (Article 57d)	20.06.2013

Cadmium	231-152-8	7440-43-9	Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	20.06.2013
Cadmium oxide	215-146-2	1306-19-0	Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	20.06.2013
Dipentyl phthalate (DPP)	205-017-9	131-18-0	Toxic for reproduction (Article 57c)	20.06.2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	Toxic for reproduction (Article 57c)#PBT (Article 57d)	20.06.2013
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	Toxic for reproduction (Article 57c)	19.12.2012
1,2-diethoxyethane	211-076-1	629-14-1	Toxic for reproduction (Article 57c)	19.12.2012
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	Toxic for reproduction (Article 57c)	19.12.2012
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	Toxic for reproduction (Article 57c)	19.12.2012
4,4'-methylenedio-toluidine	212-658-8	838-88-0	Carcinogenic (Article 57a)	19.12.2012
4,4'-oxydianiline and its salts	-	-	Carcinogenic (Article 57a)# Mutagenic (Article 57b)	19.12.2012
4,4'-oxydianiline	202-977-0	101-80-4	Carcinogenic (Article 57a)# Mutagenic (Article 57b)	19.12.2012
4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated	-	-	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
4-aminoazobenzene	200-453-6	60-09-3	Carcinogenic (Article 57a)	19.12.2012
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	Carcinogenic (Article 57a)	19.12.2012
4-Nonylphenol, branched and linear	-	-	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
Phenol, 4-nonyl-, branched	284-325-5	84852-15-3	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
4-(3,6-dimethylheptan-3-yl)phenol	635-391-2	142731-63-3	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012

4-(3,5-dimethylheptan-3-yl)phenol	635-389-1	186825-36-5	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
4-(1-ethyl-1-methylhexyl)phenol	257-907-1	52427-13-1	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
p-(1,1-dimethylheptyl)phenol	250-339-5	30784-30-6	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
p-nonylphenol	203-199-4	104-40-5	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
p-(1-methyloctyl)phenol	241-427-4	17404-66-9	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
p-isononylphenol	247-770-6	26543-97-5	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
Phenol, nonyl-, branched	291-844-0	90481-04-2	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
Nonylphenol	246-672-0	25154-52-3	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
4-(3-ethylheptan-2-yl)phenol	635-696-0	186825-39-8	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
4-(2,6-dimethylheptan-2-yl)phenol	635-388-6	521947-27-3	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
Isononylphenol	234-284-4	11066-49-2	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2012
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	Toxic for reproduction (Article 57c)	19.12.2012
Acetic acid, lead salt, basic	257-175-3	51404-69-4	Toxic for reproduction (Article 57c)	19.12.2012
Biphenyl-4-ylamine	202-177-1	92-67-1	Carcinogenic (Article 57a)	19.12.2012
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5	PBT (Article 57d)# vPvB (Article 57e)	19.12.2012
Cyclohexane-1,2-dicarboxylic anhydride	-	-	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012

cis-cyclohexane-1,2-dicarboxylic anhydride	236-086-3	13149-00-3	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012
Cyclohexane-1,2-dicarboxylic anhydride	201-604-9	85-42-7	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012
trans-cyclohexane-1,2-dicarboxylic anhydride	238-009-9	14166-21-3	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	Toxic for reproduction (Article 57c)	19.12.2012
Diethyl sulphate	200-589-6	64-67-5	Carcinogenic (Article 57a)# Mutagenic (Article 57b)	19.12.2012
Diisopentyl phthalate	210-088-4	605-50-5	Toxic for reproduction (Article 57c)	19.12.2012
Dimethyl sulphate	201-058-1	77-78-1	Carcinogenic (Article 57a)	19.12.2012
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	Toxic for reproduction (Article 57c)	19.12.2012
Dioxobis(stearato)trilead	235-702-8	12578-12-0	Toxic for reproduction (Article 57c)	19.12.2012
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	Toxic for reproduction (Article 57c)	19.12.2012
Furan	203-727-3	110-00-9	Toxic for reproduction (Article 57c)	19.12.2012
Henicosafuoro undecanoic acid	218-165-4	2058-94-8	vPvB (Article 57e)	19.12.2012
Heptacosafuoro tetradecanoic acid	206-803-4	376-06-7	vPvB (Article 57e)	19.12.2012
Hexahydromethyl phthalic anhydride	-	-	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012
Hexahydromethyl phthalic anhydride	247-094-1	25550-51-0	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012
Hexahydro-4-methyl phthalic anhydride	243-072-0	19438-60-9	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012

Hexahydro-3-methyl phthalic anhydride	260-566-1	57110-29-9	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012
Hexahydro-1-methyl phthalic anhydride	256-356-4	48122-14-1	Respiratory sensitising properties (Article 57(f) - human health)	19.12.2012
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	Toxic for reproduction (Article 57c)	19.12.2012
Lead cyanamidate	244-073-9	20837-86-9	Toxic for reproduction (Article 57c)	19.12.2012
Lead dinitrate	233-245-9	10099-74-8	Toxic for reproduction (Article 57c)	19.12.2012
Lead monoxide (lead oxide)	215-267-0	1317-36-8	Toxic for reproduction (Article 57c)	19.12.2012
Lead oxide sulfate	234-853-7	12036-76-9	Toxic for reproduction (Article 57c)	19.12.2012
Lead titanium trioxide	235-038-9	12060-00-3	Toxic for reproduction (Article 57c)	19.12.2012
Lead titanium zirconium oxide	235-727-4	12626-81-2	Toxic for reproduction (Article 57c)	19.12.2012
Methoxyacetic acid	210-894-6	625-45-6	Toxic for reproduction (Article 57c)	19.12.2012
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	Carcinogenic (Article 57a) #Mutagenic (Article 57b)	19.12.2012
N,N-dimethylformamide	200-679-5	68-12-2	Toxic for reproduction (Article 57c)	19.12.2012
N-methylacetamide	201-182-6	79-16-3	Toxic for reproduction (Article 57c)	19.12.2012
n-pentyl- isopentylphthalate	933-378-9	-	Toxic for reproduction (Article 57c)	19.12.2012
o-aminoazotoluene	202-591-2	97-56-3	Carcinogenic (Article 57a)	19.12.2012
o-toluidine	202-429-0	95-53-4	Carcinogenic (Article 57a)	19.12.2012
Orange lead (lead tetroxide)	215-235-6	1314-41-6	Toxic for reproduction (Article 57c)	19.12.2012
Pentacosyl fluorotridecanoic acid	276-745-2	72629-94-8	vPvB (Article 57e)	19.12.2012
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	Toxic for reproduction (Article 57c)	19.12.2012
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	Toxic for reproduction (Article 57c)	19.12.2012
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	272-271-5	68784-75-8	Toxic for reproduction (Article 57c)	19.12.2012
Silicic acid, lead salt	234-363-3	11120-22-2	Toxic for reproduction (Article 57c)	19.12.2012
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	Toxic for reproduction (Article 57c)	19.12.2012

Tetraethyllead	201-075-4	78-00-2	Toxic for reproduction (Article 57c)	19.12.2012
Tetralead trioxide sulphate	235-380-9	12202-17-4	Toxic for reproduction (Article 57c)	19.12.2012
Tricosafuoro dodecanoic acid	206-203-2	307-55-1	vPvB (Article 57e)	19.12.2012
Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6	Toxic for reproduction (Article 57c)	19.12.2012
Trilead dioxide phosphonate	235-252-2	12141-20-7	Toxic for reproduction (Article 57c)	19.12.2012
1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	Toxic for reproduction (Article 57c)	18.06.2012
1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	203-977-3	112-49-2	Toxic for reproduction (Article 57c)	18.06.2012
1,3,5-Tris(oxiran-2-ylmethyl)- 1,3,5- -triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	Mutagenic (Article 57b)	18.06.2012
1,3,5-tris[(2S and 2R)-2,3- epoxypropyl]- 1,3,5-triazine-2,4,6-(1H,3H,5H)- trione (β -TGIC)	423-400-0	59653-74-6	Mutagenic (Article 57b)	18.06.2012
4,4'-bis(dimethylamino)-4''- (methylamino)trityl alcohol	209-218-2	561-41-1	Carcinogenic (Article 57a)	18.06.2012
4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	202-027-5	90-94-8	Carcinogenic (Article 57a)	18.06.2012
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5- dien-1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	208-953-6	548-62-9	Carcinogenic (Article 57a)	18.06.2012
[4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methyl ene]cyclohexa- 2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	219-943-6	2580-56-5	Carcinogenic (Article 57a)	18.06.2012
Diboron trioxide	215-125-8	1303-86-2	Toxic for reproduction (Article 57c)	18.06.2012
Formamide	200-842-0	75-12-7	Toxic for reproduction (Article 57c)	18.06.2012
Lead(II) bis (methanesulfonate)	401-750-5	17570-76-2	Toxic for reproduction (Article 57c)	18.06.2012

N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	Carcinogenic (Article 57a)	18.06.2012
α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	229-851-8	6786-83-0	Carcinogenic (Article 57a)	18.06.2012
1,2-dichloroethane	203-458-1	107-06-2	Carcinogenic (Article 57a)	19.12.2011
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	Carcinogenic (Article 57a)	19.12.2011
2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	Carcinogenic (Article 57a)	19.12.2011
4-(1,1,3,3-tetramethylbutyl) phenol	205-426-2	140-66-9	Endocrine disrupting properties (Article 57(f) - environment)	19.12.2011
Aluminosilicate Refractory Ceramic Fibres	-	-	Carcinogenic (Article 57a)	19.12.2011
Arsenic acid	231-901-9	7778-39-4	Carcinogenic (Article 57a)	19.12.2011
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	Toxic for reproduction (Article 57c)	19.12.2011
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	Toxic for reproduction (Article 57c)	19.12.2011
Calcium arsenate	231-904-5	7778-44-1	Carcinogenic (Article 57a)	19.12.2011
Dichromium tris(chromate)	246-356-2	24613-89-6	Carcinogenic (Article 57a)	19.12.2011
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	Carcinogenic (Article 57a)	19.12.2011
Lead diazide, Lead azide	236-542-1	13424-46-9	Toxic for reproduction (Article 57c)	19.12.2011
Lead dipicrate	229-335-2	6477-64-1	Toxic for reproduction (Article 57c)	19.12.2011
Lead styphnate	239-290-0	15245-44-0	Toxic for reproduction (Article 57c)	19.12.2011
N,N-dimethylacetamide	204-826-4	127-19-5	Toxic for reproduction (Article 57c)	19.12.2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	Carcinogenic (Article 57a)	19.12.2011
Phenolphthalein	201-004-7	77-09-8	Carcinogenic (Article 57a)	19.12.2011
Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9	Carcinogenic (Article 57a)	19.12.2011
Trilead diarsenate	222-979-5	3687-31-8	Carcinogenic (Article 57a)# Toxic for reproduction (Article 57c)	19.12.2011
Zirconia Aluminosilicate Refractory Ceramic Fibres	-	-	Carcinogenic (Article 57a)	19.12.2011

1,2,3-trichloropropane	202-486-1	96-18-4	Carcinogenic (Article 57a)# Toxic for reproduction (Article 57c)	20.06.2011
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	Toxic for reproduction (Article 57c)	20.06.2011
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	Toxic for reproduction (Article 57c)	20.06.2011
1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	Toxic for reproduction (Article 57c)	20.06.2011
2-ethoxyethyl acetate	203-839-2	111-15-9	Toxic for reproduction (Article 57c)	20.06.2011
Hydrazine	206-114-9	302-01-2, 7803-57-8	Carcinogenic (Article 57a)	20.06.2011
Strontium chromate	232-142-6	7789-06-2	Carcinogenic (Article 57a)	20.06.2011
2-ethoxyethanol	203-804-1	110-80-5	Toxic for reproduction (Article 57c)	15.12.2010
2-methoxyethanol	203-713-7	109-86-4	Toxic for reproduction (Article 57c)	15.12.2010
Acids generated from chromium trioxide and their oligomers	-	-	Carcinogenic (Article 57a)	15.12.2010
Oligomers of chromic acid and dichromic acid	-	-	Carcinogenic (Article 57a)	15.12.2010
Chromic acid	231-801-5	13530-68-2	Carcinogenic (Article 57a)	15.12.2010
Dichromic acid	236-881-5	7738-94-5	Carcinogenic (Article 57a)	15.12.2010
Chromium trioxide	215-607-8	1333-82-0	Carcinogenic (Article 57a)#Mutagenic (Article 57b)	15.12.2010
Cobalt(II) carbonate	208-169-4	513-79-1	Carcinogenic (Article 57a) #Toxic for reproduction (Article 57c)	15.12.2010
Cobalt(II) diacetate	200-755-8	71-48-7	Carcinogenic (Article 57a) #Toxic for reproduction (Article 57c)	15.12.2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	Carcinogenic (Article 57a) #Toxic for reproduction (Article 57c)	15.12.2010
Cobalt(II) sulphate	233-334-2	10124-43-3	Carcinogenic (Article 57a) #Toxic for reproduction (Article 57c)	15.12.2010
Ammonium dichromate	232-143-1	7789-09-5	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)	18.06.2010
Boric acid	-	-	Toxic for reproduction (Article 57c)	18.06.2010
Boric acid, crude natural	234-343-4	11113-50-1	Toxic for reproduction (Article 57c)	18.06.2010

Boric acid	233-139-2	10043-35-3	Toxic for reproduction (Article 57c)	18.06.2010
Disodium tetraborate, anhydrous	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	Toxic for reproduction (Article 57c)	18.06.2010
Potassium chromate	232-140-5	7789-00-6	Carcinogenic (Article 57a) #Mutagenic (Article 57b)	18.06.2010
Potassium dichromate	231-906-6	7778-50-9	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)	18.06.2010
Sodium chromate	231-889-5	7775-11-3	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)	18.06.2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	Toxic for reproduction (Article 57c)	18.06.2010
Trichloroethylene	201-167-4	79-01-6	Carcinogenic (Article 57a)	18.06.2010
Acrylamide	201-173-7	79-06-1	Carcinogenic (Article 57a) #Mutagenic (Article 57b)	30.03.2010
2,4-dinitrotoluene	204-450-0	121-14-2	Carcinogenic (Article 57a)	13.01.2010
Anthracene oil	292-602-7	90640-80-5	Carcinogenic (Article 57a) #PBT (Article 57d)#vPvB (Article 57e)	13.01.2010
Anthracene oil, anthracene paste	292-603-2	90640-81-6	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)	13.01.2010
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)	13.01.2010
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)	13.01.2010
Anthracene oil, anthracene-low	292-604-8	90640-82-7	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)	13.01.2010
Diisobutyl phthalate	201-553-2	84-69-5	Toxic for reproduction (Article 57c)# Endocrine disrupting properties (Article 57(f) - human health)	13.01.2010

Lead chromate	231-846-0	7758-97-6	Carcinogenic (Article 57a) #Toxic for reproduction (Article 57c)	13.01.2010
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	Carcinogenic (Article 57a) #Toxic for reproduction (Article 57c)	13.01.2010
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	Carcinogenic (Article 57a) #Toxic for reproduction (Article 57c)	13.01.2010
Pitch, coal tar, high-temp.	266-028-2	65996-93-2	Carcinogenic (Article 57a) #PBT (Article 57d)#vPvB (Article 57e)	13.01.2010
Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	Toxic for reproduction (Article 57c)	13.01.2010
4,4'- Diaminodiphenyl methane (MDA)	202-974-4	101-77-9	Carcinogenic (Article 57a)	28.10.2008
5-tert-butyl-2,4,6-trinitro -m-xylene (Musk xylene)	201-329-4	81-15-2	vPvB (Article 57e)	28.10.2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	PBT (Article 57d)# vPvB (Article 57e)	28.10.2008
Anthracene	204-371-1	120-12-7	PBT (Article 57d)	28.10.2008
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)	28.10.2008
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	Toxic for reproduction (Article 57c)# Endocrine disrupting properties (Article 57(f) - environment) #Endocrine disrupting properties (Article 57(f) - human health)	28.10.2008
Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	PBT (Article 57d)	28.10.2008
Cobalt dichloride	231-589-4	7646-79-9	Carcinogenic (Article 57a)# Toxic for reproduction (Article 57c)	28.10.2008
Diarsenic pentaoxide	215-116-9	1303-28-2	Carcinogenic (Article 57a)	28.10.2008
Diarsenic trioxide	215-481-4	1327-53-3	Carcinogenic (Article 57a)	28.10.2008
Dibutyl phthalate (DBP)	201-557-4	84-74-2	Toxic for reproduction (Article 57c)# Endocrine disrupting properties (Article 57(f) - human health)	28.10.2008
Hexabromocyclododecane (HBCDD)	-	-	PBT (Article 57d)	28.10.2008

Hexabromocyclododecane	247-148-4	25637-99-4	PBT (Article 57d)	28.10.2008
gamma-hexabromocyclododecane	-	134237-52-8	PBT (Article 57d)	28.10.2008
1,2,5,6,9,10-hexabromocyclododecane	221-695-9	3194-55-6	PBT (Article 57d)	28.10.2008
alpha-hexabromocyclododecane	-	134237-50-6	PBT (Article 57d)	28.10.2008
beta-hexabromocyclododecane	-	134237-51-7	PBT (Article 57d)	28.10.2008
Lead hydrogen arsenate	232-064-2	7784-40-9	Carcinogenic (Article 57a)# Toxic for reproduction (Article 57c)	28.10.2008
Sodium dichromate	234-190-3	10588-01-9, 7789-12-0	Carcinogenic (Article 57a)# Mutagenic (Article 57b) #Toxic for reproduction (Article 57c)	28.10.2008
Triethyl arsenate	427-700-2	15606-95-8	Carcinogenic (Article 57a)	28.10.2008