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REACH SVHC Guarantee Letter

GP Responsible Person:	QIU RI HONG	Title:	RoHS Engineer		
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If the product contains 219REACH SVHC substance: (If yes, please list below.)		Yes			
Item	Part Name	Contained substance	CAS No.	Use of substances contained	Content (PPM)
1	Semiconductor, chip resistor	Lead	7439-92-1	High temperature soldering	>1000PPM
2	PIN foot	Lead	7439-92-1	Lead in Copper Alloy	>1000PPM
3	Chip resistor	Lead oxide	1317-36-8	Positive paste	>1000PPM



Company Stamp :

Date : 2021/9/23

Explanation:

REACH refers to EU regulations on registration, assessment, licensing and restriction of chemicals. 219 SVHC substances are:

Batch	Substance name	EC No.	CAS No.	Reason for inclusion	Date of inclusion
The 25th batch	1,4-dioxane	204-661-8	123-91-1	Carcinogenic (Article 57a) Equivalent level of concern having probable serious effects to the environment (Article 57f -environment) Equivalent level of concern having probable serious effects to human health (Article 57f –human health)	2021/7/8
	2,2-bis(bromomethyl)propane1,3- diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromo methyl)-	221-967-7 253-057-0 202-480-9	3296-90-0 36483-57-5 1522-92-5 96-13-9	Carcinogenic (Article 57 a)	2021/7/8
	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	Toxic for reproduction (Article 57 c)	2021/7/8
	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)(BPB)	201-025-1	77-40-7	Endocrine disrupting properties (Article 57f - human health and environment)	2021/7/8
	Glutaral	203-856-5	111-30-8	Respiratory sensitising properties (Article 57f - human health)	2021/7/8
	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of	-	-	PBT (Article 57d) vPvB (Article 57e)	2021/7/8
	Orthoboric acid, sodium salt	237-560-2	13840-56-7	Toxic for reproduction (Article 57 c)	2021/7/8
	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57f - human health and environment)	2021/7/8

The 24th batch	1-Tetraethylene glycol dimethyl ether	205-594-7	143-24-8	Toxic for reproduction (Article 57c)	2021/1/19
	2-Dioctyltin dislaurate, stane, dioctyl -, bis (coconut oil acyl oxy) derivatives, and any other tane, dioctyl -, bis (fat acyl oxy) derivatives		-	Toxic for reproduction (Article 57c)	2021/1/19
The 23st batch	1-vinylimidazole	214-012-0	1072-63-5	Toxic for reproduction (Article 57c)	25/06/2020
	2-methylimidazole	211-765-7	693-98-1	Toxic for reproduction (Article 57c)	25/06/2020
	Butyl 4-hydroxybenzoate	202-318-7	94-26-8	Endocrine disrupting properties (Article 57(f) - human health)	25/06/2020
	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	Toxic for reproduction (Article 57c)	25/06/2020
The 22st batch	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	Toxic for reproduction (Article 57c)	16/01/2020
	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	Equivalent level of concern having probable serious effects to environment (Article 57f) Equivalent level of concern having probable serious effects to human health (Article 57 f)	16/01/2020
	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	Toxic for reproduction (Article 57c)	16/01/2020
	Diisohexyl phthalate	276-090-2	71850-09-4	Toxic for reproduction (Article 57c)	16/01/2020
The 21st batch	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 ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	Endocrine disrupting properties (Article 57(f) - environment)	16/07/2019

The 20th batch	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
	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	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
The 19th batch	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	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
	Dodecamethylcyclohexasiloxane	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
	Octamethylcyclotetrasiloxane	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
The 18th batch	1,6,7,8,9,14,15,16,17,17,18,18-	-	-	vPvB (Article 57e)	15/01/2018
	1,6,7,8,9,14,15,16,17,17,18,18-	236-948-9	13560-89-9	vPvB (Article 57e)	15/01/2018
	rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-	-	-	vPvB (Article 57e)	15/01/2018
	rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-	-	-	vPvB (Article 57e)	15/01/2018
	Benzo[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
The 17th batch	Perfluorohexane-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	-	-	Endocrine disrupting properties (Article 57(f) - environment)	12/01/2017
The 16th batch	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
The 15th batch	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)-4-(tert-butyl)-6-	223-383-8	3864-99-1	vPvB (Article 57e)	17/12/2015
	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-	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
The 14th batch	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
The 13th batch	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and	-	-	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-	-	-	vPvB (Article 57e)	15/06/2015
	5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-	-	-	vPvB (Article 57e)	15/06/2015
	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-	-	-	vPvB (Article 57e)	15/06/2015
The 12th batch	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-di-tert-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	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-	-	-	Toxic for reproduction (Article 57c)	17/12/2014
The 11th batch	1,2-Benzenedicarboxylic acid, dihexyl 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

The 10th batch	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'-	209-358-4	573-58-0	Carcinogenic (Article 57a)	16/12/2013
	Disodium 4-amino-3-[[4'-[(2,4-	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
The 9th batch	4-Nonylphenol, branched and linear, ethoxylated	-	-	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
	4-Nonylphenol, ethoxylated	500-045-0	26027-38-3	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
	Nonylphenol, ethoxylated	500-024-6	9016-45-9	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 (CAS# 68412-54-4)	932-688-1	-	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
	Nonylphenol, ethoxylated (6,5-EO) (9016-45-9)	931-753-1	-	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
	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
Nonylphenolpolyglycoether	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
Nonylphenol, ethoxylated (EO = 4)	939-975-0	-	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
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
Nonylphenolpolyglykolether	931-562-3	9016-45-9	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
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, ethoxylated (polymer)	938-618-6	-	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'-methylenedi-o-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-	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
p-isononylphenol	247-770-6	26543-97-5	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
4-(1-ethyl-1-methylhexyl)phenol	257-907-1	52427-13-1	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-(3,5-dimethylheptan-3-yl)phenol	635-389-1	186825-36-5	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-nonylphenol	203-199-4	104-40-5	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-ethylheptan-2-yl)phenol	635-696-0	186825-39-8	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
Nonylphenol	246-672-0	25154-52-3	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
Phenol, nonyl-, branched	291-844-0	90481-04-2	Endocrine disrupting properties (Article 57(f) - environment)	19/12/2012
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	Carcinogenic (Article 57a)	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

The 8th
batch

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	Carcinogenic (Article 57a)	19/12/2012
Henicosafuoroundecanoic acid	218-165-4	2058-94-8	vPvB (Article 57e)	19/12/2012
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	vPvB (Article 57e)	19/12/2012
Hexahydromethylphthalic anhydride	-	-	Respiratory sensitising properties (Article 57(f) - human health)	19/12/2012
Hexahydromethylphthalic anhydride	247-094-1	25550-51-0	Respiratory sensitising properties (Article 57(f) - human health)	19/12/2012
Hexahydro-4-methylphthalic anhydride	243-072-0	19438-60-9	Respiratory sensitising properties (Article 57(f) - human health)	19/12/2012
Hexahydro-3-methylphthalic anhydride	260-566-1	57110-29-9	Respiratory sensitising properties (Article 57(f) - human health)	19/12/2012
Hexahydro-1-methylphthalic 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
	Pentacosafuorotridecanoic 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
	Tricosafuorododecanoic 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
The 7th batch	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-	219-514-3	2451-62-9	Mutagenic (Article 57b)	18/06/2012
	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-	423-400-0	59653-74-6	Mutagenic (Article 57b)	18/06/2012
	4,4'-bis(dimethylamino)-4''-	209-218-2	561-41-1	Carcinogenic (Article 57a)	18/06/2012
	4,4'-bis(dimethylamino)benzophenone	202-027-5	90-94-8	Carcinogenic (Article 57a)	18/06/2012
	[4-[4,4'-bis(dimethylamino)	208-953-6	548-62-9	Carcinogenic (Article 57a)	18/06/2012
	[4-[4-anilino-1-naphthyl]]4-	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'-	202-959-2	101-61-1	Carcinogenic (Article 57a)	18/06/2012
	α,α-Bis[4-(dimethylamino)phenyl]-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	

The 6th batch	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	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	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	-	-	Carcinogenic (Article 57a)	19/12/2011	
The 5th batch	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
The 4th batch	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	-	-	Carcinogenic (Article 57a)	15/12/2010
	Oligomers of chromic acid and dichromic	-	-	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	

The 3rd batch	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
The 2nd batch	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, distr. 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
The 1st batch	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	Carcinogenic (Article 57a)	28/10/2008
	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk)	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-hexabromocyclodecane	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