

Renesas Electronics America Inc.

Declaration of Conformity

REACH / SVHC

On June 1, 2007, European Union Regulation (EC) No. 1907/2006 went into effect. This Regulation is intended to ensure consistency in the Regulation, Evaluation, Authorisation, and registration of Chemicals ("REACH").

- **Annex XIV Substances**

The substances currently regulated by REACH are listed in Annex XIV of the Regulation <https://echa.europa.eu/authorisation-list>, which includes **43** substances.

- **Candidate List for SVHC**

The European Chemicals Agency ("ECHA") publishes a candidate list of REACH chemicals known to have serious effects on humans and the environment, called Substances of Very High Concern ("SVHC"), which will be gradually included in Annex XIV of the REACH Regulation. The current list of candidates is found at <http://echa.europa.eu/web/guest/candidate-list-table>, attached hereto as Exhibit 1, which includes **191** candidates.

- **Restrictions on Use**

Annex XVII provides for restrictions on the use of certain substances or mixtures. These restrictions apply to the end user of our products, and it is up to each user to verify compliance.

Except for Evaluation Boards, products produced by the company formerly known as Intersil Corporation which are designated RoHS compliant or Pb-free/green do not contain any of the SVHC or SVHC candidates listed above the regulatory threshold of 0.1% in our products nor does Intersil import more than 1 tonne of SVHC into the EU per year. Therefore the requirement in REACH to notify ECHA of products exceeding these limits is not applicable. Those products that are not designated as RoHS compliant may contain antimony trioxide in the mold compound. The information provided herein is subject to the Disclaimer found at <https://www.renesas.com/en-us/legal.html>.



By: _____

Douglas A. Balog
Asst. Corporate Secretary

Rev. 31 27 June 2018

Exhibit 1

SVHC Candidate List table

Number of substances on the Candidate List: 191 (last updated: 27 June 2018)

Name	EC no.	CAS no.	Date of inclusion	Intrinsic property(ies) referred to in Article 57	Decision	IUCLID dataset
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	209-008-0	552-30-7	27/06/2018	<ul style="list-style-type: none"> Respiratory sensitising properties (Article 57(f) - human health) 	<ul style="list-style-type: none"> ED/61/2018 EU/2018/594 	
Benzo[ghi]perylene	205-883-8	191-24-2	27/06/2018	<ul style="list-style-type: none"> PBT (Article 57d) vPvB (Article 57e) 	ED 61/2018	
Decamethylcyclopentasiloxane D5	208-764-9	541-02-6	27/06/2018	<ul style="list-style-type: none"> PBT (Article 57d) vPvB (Article 57e) 	ED 61/2018	
Dicyclohexyl phthalate DCHP	201-545-9	84-61-7	27/06/2018	<ul style="list-style-type: none"> Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health) 	<ul style="list-style-type: none"> EU/2018/636 ED/61/2018 	
Disodium octaborate	234-541-0	12008-41-2	27/06/2018	<ul style="list-style-type: none"> Toxic for reproduction (Article 57c) 	ED 61/2018	
Dodecamethylcyclohexasiloxane D6	208-762-8	540-97-6	27/06/2018	<ul style="list-style-type: none"> PBT (Article 57d) vPvB (Article 57e) 	ED 61/2018	
Ethylenediamine EDA	203-468-6	107-15-3	27/06/2018	<ul style="list-style-type: none"> Respiratory sensitising properties (Article 57(f) - human health) 	ED 61/2018	
Lead	231-100-4	7439-92-1	27/06/2018	<ul style="list-style-type: none"> Toxic for reproduction (Article 57c) 	ED 61/2018	
Octamethylcyclotetrasiloxane D4	209-136-7	556-67-2	27/06/2018	<ul style="list-style-type: none"> PBT (Article 57d) vPvB (Article 57e) 	ED 61/2018	
Terphenyl, hydrogenated Showing 181 results.	262-967-7	61788-32-7	27/06/2018	<ul style="list-style-type: none"> vPvB (Article 57e) 	ED 61/2018	
Name	EC no.	CAS no.	Date of inclusion	Intrinsic property(ies) referred to in Article 57	Decision	IUCLID dataset
Benz[a]anthracene	200-280-6	56-55-3, 1718-53-2	15/01/2018	<ul style="list-style-type: none"> Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e) 	ED 01/2018	
Cadmium carbonate	208-168-9	513-78-0	15/01/2018	<ul style="list-style-type: none"> Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 	ED 01/2018	
Cadmium hydroxide	244-168-5	21041-95-2	15/01/2018	<ul style="list-style-type: none"> Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 	ED 01/2018	
Cadmium nitrate	233-710-6	10022-68-1, 10325-94-7	15/01/2018	<ul style="list-style-type: none"> Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health) 	ED 01/2018	
Chrysene	205-923-4	218-01-9, 1719-03-5	15/01/2018	<ul style="list-style-type: none"> Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e) 	ED 01/2018	
Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM)	-	-	15/01/2018	<ul style="list-style-type: none"> vPvB (Article 57e) 	ED 01/2018	
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	-	-	15/01/2018	<ul style="list-style-type: none"> Endocrine disrupting properties (Article 57(f) - environment) 	ED 01/2018	
Perfluorohexane-1-sulphonic acid and its salts PFHxS	-	-	07/07/2017	<ul style="list-style-type: none"> vPvB (Article 57e) 	ED/30/2017	

Name	expand / collapse	EC no.	CAS no.	Date of inclusion	Reason for inclusion	Decision	IUCLID dataset
4,4'-isopropylidenediphenol		201-245-8	80-05-7	12/01/2017	<ul style="list-style-type: none"> Toxic for reproduction (Article 57c) 	ED/01/2017	
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	<ul style="list-style-type: none"> Equivalent level of concern having probable serious effects to environment (Article 57 f) 	ED/01/2017	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC no.: 206-400-3 CAS no.: 335-76-2 Ammonium nonadecafluorodecanoate EC no.: 221-470-5 CAS no.: 3108-42-7 Decanoic acid, nonadecafluoro-, sodium salt EC no.: - CAS no.: 3830-45-3		-	-	12/01/2017	<ul style="list-style-type: none"> Toxic for reproduction (Article 57c) PBT (Article 57 d) 	ED/01/2017	
p-(1,1-dimethylpropyl)phenol		201-280-9	80-46-6	12/01/2017	<ul style="list-style-type: none"> Equivalent level of concern having probable serious effects to environment (Article 57 f) 	ED/01/2017	
Name	expand / collapse	EC no.	CAS no.	Date of inclusion	Reason for inclusion	Decision	IUCLID dataset
Benzo[def]chrysene		200-028-5	50-32-8	20/06/2016	<ul style="list-style-type: none"> Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e) 	ED/21/2016	























Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion	Decision number	IUCLID 5 Substance Dataset	
1,3-propanesultone	214-317-9	1120-71-4	2015/12/17	Carcinogenic (Article 57 a)	ED/79/2015		Details
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	2015/12/17	vPvB (Article 57 e)	ED/79/2015		Details
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	2015/12/17	vPvB (Article 57 e)	ED/79/2015		Details
Nitrobenzene	202-716-0	98-95-3	2015/12/17	Toxic for reproduction (Article 57 c)	ED/79/2015		Details
Perfluorononan-1-oiic-acid and its sodium and ammonium salts	206-801-3	375-95-1 21049-39-8 4149-60-4	2015/12/17	Toxic for reproduction (Article 57 c) PBT (Article 57 d)	ED/79/2015		Details
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	271-094-0 272-013-1	68515-51-5 68648-93-1	2015/06/15	Toxic for reproduction (Article 57 c)	ED/39/2015		Details
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]	-	-	2015/06/15	vPvB (Article 57e)	ED/39/2015		Details

<u>Substance Name</u>	<u>EC Number</u>	<u>CAS Number</u>	<u>Date of inclusion</u>	<u>Reason for inclusion</u>	<u>Decision number</u>	<u>IUCLID 5 Substance Dataset</u>
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	2014/12/17; 2008/10/28	Equivalent level of concern having probable serious effects to the environment (Article 57 f); Toxic for reproduction (article 57c)	ED/108/2014 ED/67/2008	
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	2014/12/17	PBT (Article 57 d); vPvB (Article 57 e)	ED/108/2014	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	2014/12/17	Toxic for reproduction (Article 57 c)	ED/108/2014	
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)	-	-	2014/12/17	Toxic for reproduction (Article 57 c)	ED/108/2014	
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	2014/12/17	PBT (Article 57 d); vPvB (Article 57 e)	ED/108/2014	
Cadmium fluoride	232-222-0	7790-79-6	2014/12/17	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of	ED/108/2014	


















Cadmium sulphate	233-331-6	10124-36-4,31119-53-6	2014/12/17	concern having probable serious effects to human health (Article 57 f) Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/108/2014	
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	2014/06/16	Toxic for reproduction (Article 57 c)	ED/49/2014	
Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	-	2014/06/16	Toxic for reproduction (Article 57 c)	ED/49/2014	
Sodium peroxometaborate	231-556-4	7632-04-4	2014/06/16	Toxic for reproduction (Article 57 c)	ED/49/2014	
Cadmium chloride	233-296-7	10108-64-2	2014/06/16	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/49/2014	
Cadmium sulphide	215-147-8	1306-23-6	2013/12/16	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/121/2013	
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	2013/12/16	Carcinogenic (Article 57a);	ED/121/2013	
Dihexyl phthalate	201-559-5	84-75-3	2013/12/16	Toxic for reproduction (Article 57 c);	ED/121/2013	
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	2013/12/16	Toxic for reproduction (Article 57 c);	ED/121/2013	
Trixylyl phosphate	246-677-8	25155-23-1	2013/12/16	Toxic for reproduction (Article 57 c);	ED/121/2013	
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	2013/12/16	Carcinogenic (Article 57a);	ED/121/2013	
Lead di(acetate)	206-104-4	301-04-2	2013/12/16	Toxic for reproduction (Article 57 c);	ED/121/2013	
Cadmium	231-152-8	7440-43-9	2013/06/20	Carcinogenic (Article 57a); Equivalent level of concern having	ED/69/2013	

					probable serious effects to human health (Article 57 f)		
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	2013/06/20	Toxic for reproduction (Article 57 c); PBT (Article 57 d)	ED/69/2013		
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]	-	-	2013/06/20	Equivalent level of concern having probable serious effects to the environment (Article 57 f)	ED/69/2013		
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	2013/06/20	Toxic for reproduction (Article 57 c); PBT (Article 57 d)	ED/69/2013		
Dipentyl phthalate (DPP)	205-017-9	131-18-0	2013/06/20	Toxic for reproduction (Article 57 c);	ED/69/2013		
Cadmium oxide	215-146-2	1306-19-0	2013/06/20	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/69/2013		
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	2012/12/19	Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/169/2012		
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012		
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	2012/12/19	Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/169/2012		
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012		
Henicosafuoroundecanoic acid	218-165-4	2058-94-8	2012/12/19	vPvB (Article 57 e)	ED/169/2012		
4-Aminoazobenzene	200-453-6	60-09-3	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012		
Silicic acid, lead salt	234-363-3	11120-22-2	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012		
Lead titanium zirconium oxide	235-727-4	12626-81-2	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012		
Lead monoxide (lead oxide)	215-267-0	1317-36-8	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012		
o-Toluidine	202-429-0	95-53-4	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012		
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012		

Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Lead dinitrate	233-245-9	10099-74-8	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	272-271-5	68784-75-8	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012	
Diethyl sulphate	200-589-6	64-67-5	2012/12/19	Carcinogenic (Article 57a); Mutagenic (Article 57b)	ED/169/2012	
Dimethyl sulphate	201-058-1	77-78-1	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012	
N,N-dimethylformamide	200-679-5	68-12-2	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	2012/12/19	Equivalent level of concern having probable serious effects to the environment (Article 57 f)	ED/169/2012	
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]	-	-	2012/12/19	Equivalent level of concern having probable serious effects to the environment (Article 57 f)	ED/169/2012	
Furan	203-727-3	110-00-9	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012	
Lead oxide sulfate	234-853-7	12036-76-9	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Lead titanium trioxide	235-038-9	12060-00-3	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	2012/12/19	PBT (Article 57 d); vPvB (Article 57 e)	ED/169/2012	
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
1,2-Diethoxyethane	211-076-1	629-14-1	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
N-methylacetamide	201-182-6	79-16-3	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Tetralead trioxide sulphate	235-380-9	12202-17-4	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	

Acetic acid, lead salt, basic	257-175-3	51404-69-4	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Tetraethyllead	201-075-4	78-00-2	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
N-pentyl-isopentylphthalate	-	776297-69-9	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	2012/12/19	vPvB (Article 57 e)	ED/169/2012	
Tricosafuorododecanoic acid	206-203-2	307-55-1	2012/12/19	vPvB (Article 57 e)	ED/169/2012	
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Dioxobis(stearato)trilead	235-702-8	12578-12-0	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	2012/12/19	vPvB (Article 57 e)	ED/169/2012	
Methoxyacetic acid	210-894-6	625-45-6	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	2012/12/19	Carcinogenic (Article 57a); Mutagenic (Article 57b)	ED/169/2012	
Trilead dioxide phosphonate	235-252-2	12141-20-7	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
o-aminoazotoluene	202-591-2	97-56-3	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012	
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012	
Diisopentylphthalate	210-088-4	605-50-5	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Biphenyl-4-ylamine	202-177-1	92-67-1	2012/12/19	Carcinogenic (Article 57a)	ED/169/2012	
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Orange lead (lead tetroxide)	215-235-6	1314-41-6	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
4,4'-oxydianiline and its salts	202-977-0	101-80-4	2012/12/19	Carcinogenic (Article 57a); Mutagenic (Article 57b)	ED/169/2012	
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	2012/12/19	Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/169/2012	

Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
Lead cyanamidate	244-073-9	20837-86-9	2012/12/19	Toxic for reproduction (Article 57 c)	ED/169/2012	
α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	229-851-8	6786-83-0	2012/06/18	Carcinogenic (Article 57a)	ED/87/2012	
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	2012/06/18	Carcinogenic (Article 57a)	ED/87/2012	
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	2012/06/18	Mutagenic (Article 57b)	ED/87/2012	
Diboron trioxide	215-125-8	1303-86-2	2012/06/18	Toxic for reproduction (Article 57 c)	ED/87/2012	
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	2012/06/18	Toxic for reproduction (Article 57 c)	ED/87/2012	
Formamide	200-842-0	75-12-7	2012/06/18	Toxic for reproduction (Article 57 c)	ED/87/2012	
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2	561-41-1	2012/06/18	Carcinogenic (Article 57a)	ED/87/2012	
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	2012/06/18	Toxic for reproduction (Article 57 c)	ED/87/2012	
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	208-953-6	548-62-9	2012/06/18	Carcinogenic (Article 57a)	ED/87/2012	
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	2012/06/18	Toxic for reproduction (Article 57 c)	ED/87/2012	
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	219-943-6	2580-56-5	2012/06/18	Carcinogenic (Article 57a)	ED/87/2012	
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	2012/06/18	Mutagenic (Article 57b)	ED/87/2012	
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	2012/06/18	Carcinogenic (Article 57a)	ED/87/2012	
Phenolphthalein	201-004-7	77-09-8	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
N,N-dimethylacetamide	204-826-4	127-19-5	2011/12/19	Toxic for reproduction (article 57 c)	ED/77/2011	
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	2011/12/19	Equivalent level of concern having probable serious effects to the environment (article 57 f)	ED/77/2011	
Lead diazide, Lead azide	236-542-1	13424-46-9	2011/12/19	Toxic for reproduction (article 57 c),	ED/77/2011	
Lead dipicrate	229-335-2	6477-64-1	2011/12/19	Toxic for reproduction (article 57 c)	ED/77/2011	

1,2-dichloroethane	203-458-1	107-06-2	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
Calcium arsenate	231-904-5	7778-44-1	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
Dichromium tris(chromate)	246-356-2	24613-89-6	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
Zirconia Aluminosilicate Refractory Ceramic Fibres <i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight</i>	-	-	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011 / ED/95/2012	
Arsenic acid	231-901-9	7778-39-4	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
Lead styphnate	239-290-0	15245-44-0	2011/12/19	Toxic for reproduction (article 57 c)	ED/77/2011	
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	2011/12/19	Toxic for reproduction (article 57 c)	ED/77/2011	
Trilead diarsenate	222-979-5	3687-31-8	2011/12/19	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/77/2011	
Aluminosilicate Refractory Ceramic Fibres <i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight</i>	-	-	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011 / ED/95/2012	
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	2011/12/19	Toxic for reproduction (article 57 c)	ED/77/2011	
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	2011/12/19	Carcinogenic (article 57 a)	ED/77/2011	
Cobalt dichloride	231-589-4	7646-79-9	2011/06/20 - 2008/10/28	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/31/2011 / ED/67/2008	
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	2011/06/20	Toxic for reproduction (article 57c)	ED/31/2011	

Strontium chromate	232-142-6	7789-06-2	2011/06/20	Carcinogenic (article 57a)	ED/31/2011	
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	2011/06/20	Toxic for reproduction (article 57c)	ED/31/2011	
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	2011/06/20	Toxic for reproduction (article 57c)	ED/31/2011	
1,2,3-Trichloropropane	202-486-1	96-18-4	2011/06/20	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/31/2011	
2-Ethoxyethyl acetate	203-839-2	111-15-9	2011/06/20	Toxic for reproduction (article 57c)	ED/31/2011	
Hydrazine	206-114-9	302-01-2, 7803-57-8	2011/06/20	Carcinogenic (article 57a)	ED/31/2011	
Cobalt(II) diacetate	200-755-8	71-48-7	2010/12/15	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/95/2010	
2-Ethoxyethanol	203-804-1	110-80-5	2010/12/15	Toxic for reproduction (article 57c)	ED/95/2010	
Cobalt(II) sulphate	233-334-2	10124-43-3	2010/12/15	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/95/2010	
Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	231-801-5, 236-881-5	7738-94-5, 13530-68-2	2010/12/15	Carcinogenic (article 57a)	ED/95/2010	
2-Methoxyethanol	203-713-7	109-86-4	2010/12/15	Toxic for reproduction (article 57c)	ED/95/2010	
Chromium trioxide	215-607-8	1333-82-0	2010/12/15	Carcinogenic and mutagenic (articles 57 a and 57 b)	ED/95/2010	
Cobalt(II) carbonate	208-169-4	513-79-1	2010/12/15	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/95/2010	
Cobalt(II) dinitrate	233-402-1	10141-05-6	2010/12/15	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/95/2010	
Trichloroethylene	201-167-4	79-01-6	2010/06/18	Carcinogenic (article 57 a)	ED/30/2010	
Potassium dichromate	231-906-6	7778-50-9	2010/06/18	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	ED/30/2010	
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	2010/06/18	Toxic for reproduction (article 57 c)	ED/30/2010	
Boric acid	233-139-2,	10043-35-3, 11113-50-1	2010/06/18	Toxic for reproduction (article 57 c)	ED/30/2010	

Ammonium dichromate	234-343-4	232-143-1	7789-09-5	2010/06/18	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	ED/30/2010	
Sodium chromate	231-889-5	231-889-5	7775-11-3	2010/06/18	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	ED/30/2010	
Disodium tetraborate, anhydrous	215-540-4	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	2010/06/18	Toxic for reproduction (article 57 c)	ED/30/2010	
Potassium chromate	232-140-5	232-140-5	7789-00-6	2010/06/18	Carcinogenic and mutagenic (articles 57 a and 57 b).	ED/30/2010	
Acrylamide	201-173-7	201-173-7	79-06-1	2010/03/30	Carcinogenic and mutagenic (articles 57 a and 57 b)	ED/68/2009	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	215-693-7	1344-37-2	2010/01/13	Carcinogenic and toxic for reproduction (articles 57 a and 57 c))	ED/68/2009	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	235-759-9	12656-85-8	2010/01/13	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/68/2009	
2,4-Dinitrotoluene	204-450-0	204-450-0	121-14-2	2010/01/13	Carcinogenic (article 57a)	ED/68/2009	
Anthracene oil	292-602-7	292-602-7	90640-80-5	2010/01/13	Carcinogenic ¹ , PBT and vPvB (articles 57a, 57d and 57e)	ED/68/2009	
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	295-275-9	91995-15-2	2010/01/13	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)	ED/68/2009	
Anthracene oil, anthracene-low	292-604-8	292-604-8	90640-82-7	2010/01/13	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)	ED/68/2009	
Diisobutyl phthalate	201-553-2	201-553-2	84-69-5	2010/01/13	Toxic for reproduction (article 57c)	ED/68/2009	
Tris(2-chloroethyl)phosphate	204-118-5	204-118-5	115-96-8	2010/01/13	Toxic for reproduction (article 57c)	ED/68/2009	
Lead chromate	231-846-0	231-846-0	7758-97-6	2010/01/13	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/68/2009	
Anthracene oil, anthracene paste	292-603-2	292-603-2	90640-81-6	2010/01/13	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)	ED/68/2009	

Pitch, coal tar, high temp.	266-028-2	65996-93-2	2010/01/13	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e)	ED/68/2009	
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	2010/01/13	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)	ED/68/2009	
Lead hydrogen arsenate	232-064-2	7784-40-9	2008/10/28	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/67/2008	
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	2008/10/28	Toxic for reproduction (article 57c)	ED/67/2008	
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	2008/10/28	Toxic for reproduction (article 57c)	ED/67/2008	
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	2008/10/28	PBT (article 57d)	ED/67/2008	
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	2008/10/28	vPvB (article 57e)	ED/67/2008	
Diarsenic trioxide	215-481-4	1327-53-3	2008/10/28	Carcinogenic (article 57a)	ED/67/2008	
Triethyl arsenate	427-700-2	15606-95-8	2008/10/28	Carcinogenic (article 57a)	ED/67/2008	
Diarsenic pentaoxide	215-116-9	1303-28-2	2008/10/28	Carcinogenic (article 57a)	ED/67/2008	
Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	2008/10/28	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)	ED/67/2008	
Dibutyl phthalate (DBP)	201-557-4	84-74-2	2008/10/28	Toxic for reproduction (article 57c)	ED/67/2008	
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	2008/10/28	Carcinogenic (article 57a)	ED/67/2008	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	2008/10/28	PBT and vPvB (articles 57 d and 57 e)	ED/67/2008	
Anthracene	204-371-1	120-12-7	2008/10/28	PBT (article 57d)	ED/67/2008	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	2008/10/28	PBT (article 57d)	ED/67/2008	