

LS Materials Co., Ltd. Ultracapacitor Biz Team

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REACH Declaration of Conformity

We declare that the information provided in the table below is true and complete to the best of our knowledge. The concentration of substances SVHC contained in the article supplied to LS Materials are within the limits established by the EC Regulation No 1907/2006 and (EU)no. 143/2011 and (EU) no.125/2012 and (EU)no.348/2013.

As of the date of this declaration, the products in "Table1. Product Series & Models & Table2. Module Product Series & Models" below, which are manufactured for sale and distribution by LS Materials, are not intended to release any of the REACH-regulated substances.

Table1. Product Series & Models

Series	Capacitance	Model Number	Terminal Type	Shape
LSUC 2.8V	100F	LSUC 002R8S 0100F EA	Snap-in	Radial
	120F	LSUC 002R8S 0120F EA	Snap-in	Radial
	320F	LSUC 002R8L 0320F EA	Lug	Radial
	360F	LSUC 002R8L 0360F EA	Lug	Radial
	350F	LSUC 002R8S 0350F EA/ LSUC 002R8L 0350F EA	Snap-in/Lug	Radial
	400F	LSUC 002R8S 0400F EA/ LSUC 002R8L0400F EA	Snap-in/Lug	Radial
	450F	LSUC 002R8S 0450F EA/ LSUC 002R8L0450F EA	Snap-in/Lug	Radial
	600F	LSUC 002R8S0600F EA/ LSUC 002R8L0600F EA	Snap-in/Lug	Radial
	720F	LSUC 002R8L0720F EA	Lug	Radial
LSUC 2.7V	650F	LSUC 002R7C 0650F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	1200F	LSUC 002R7C 1200F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	1500F	LSUC 002R7C 1500F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	2000F	LSUC 002R7C 2000F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	3000F	LSUC 002R7C 3000F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
LSUC 2.85V	650F	LSUC 02R85C 0650F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	1200F	LSUC 02R85C 1200F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	1500F	LSUC 02R85C 1500F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	2000F	LSUC 02R85C 2000F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	3000F	LSUC 02R85C3000F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	3400F	LSUC 02R85C 3400F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
LSUC 3.0V	100F	LSUC 003R0S0100F EA	Snap-in	Radial
	380F	LSUC 003R0S0380F EA/ LSUC 003R0L0380F EA LSUC 003R0S0380F HT/ LSUC 003R0L0380F HT	Snap-in/Lug	Radial
	430F	LSUC 003R0S0430F EA/ LSUC 003R0L0430F EA	Snap-in/Lug	Radial
	480F	LSUC 003R0S0480F EA/ LSUC 003R0L0480F EA LSUC 003R0S0480F HT/ LSUC 003R0L0480F HT	Snap-in/Lug	Radial
	600F	LSUC 003R0S 0600F EA	Lug	Radial
	650F	LSUC 003R0C 0650F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	1200F	LSUC 003R0C 1200F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	1500F	LSUC 003R0C 1500F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	2000F	LSUC 003R0C 2000F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	3000F	LSUC 003R0C 3000F EA/NC/NH	ST/LT/LT02/WT	Cylindrical
	3400F	LSUC 003R0C 3400F EA/NC/NH	ST/LT/LT02/WT	Cylindrical

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Table2. Module Product Series & Models

Series	Rated Voltage	Capacitance	Model Number	Product Number
LSUM	16.8V	58F	LSUM 016R8L 0058F EA VE02	LSUM 16.8V 58F VE02
	356.4V	9F	LSUM 356R4C 0009F EA	LSUM 356.4V 9F
	48.6V	166F	LSUM 048R6C 0166F EA DC05	LSUM 48.6V 166F DC05
	48.6V	166F	LSUM 048R6C 0166F EA YJ02	LSUM 48.6V 166F YJ02
	16.2V	500F	LSUM 016R2C 0500F EA MH03	LSUM 16.2V 500F MH03
	86.4V	93F	LSUM 086R4C 0093F EA VS02	LSUM 86.4V 93F VS02
	16.2V	500F	LSUM 016R2C 0500F EA AG	LSUM 16.2V 500F AG
	48.6V	166F	LSUM 048R6C 0166F EA YJ04	LSUM 48.6V 166F YJ04
	32.4V	100F	LSUM 032R4C 0100F EA BP	LSUM 32.4V 100F BP
	129.6V	62F	LSUM 129R6C 0062F EA FI07	LSUM 129.6V 62F FI07
	180.0V	50F	LSUM 180R0C 0050F EA	LSUM 180.0V 50F
	356.4V	15F	LSUM 356R4C 0015F EA	LSUM 356.4V 15F
	108.0V	83F	LSUM 108R0C 0083F EA YD3P	LSUM 108.0V 083F YD3P
	108.0V	41F	LSUM 108R0C 0041F EA YD3P	LSUM 108.0V 041F YD3P

LS Materials Co., LTD.

Name : JINSOL KIM
 Title : Engineer of Quality Assurance team
 Date : 14th August, 2025
 Signature

Jinsol Kim.

Below "Table3. Candidate List of Substances of Very High Concern (SVHC)" contains substances that are included by European Chemicals Agency (ECHA) on the Candidate List of Substances of Very High Concern (SVHC) for Authorization as defined in Articles 33, 57 and 59(10), and as referenced on ECHA's Candidate List of Substances of Very High Concern and those substances that have been updated 25/06/2025. (Number of substances on the Candidate List: 250)

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Table3. The Candidate List of Substances of Very High Concern (SVHC): 250 items

Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Decision
tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-[[4-chloro-6-[(2-[[4-fluoro-6-[[4-(vinylsulfonyl)phenyl]amino)-1,3,5-triazine-2-yl]amino]propyl]amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl]diazenyl]-5-methoxyphenyl]diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51) substance having a complex composition with <80% of the above constituents and other reaction side products	466-490-7	-	25/06/2025	D(2025)4165-DC
decamethyltetrasiloxane	205-491-7	141-62-8	25/06/2025	D(2025)4165-DC
1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	241-867-7	17928-28-8	25/06/2025	D(2025)4165-DC
reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8	21/01/2025	D(2024)7663-DC
Perfluamine	206-420-2	338-83-0	21/01/2025	D(2024)7663-DC
Octamethyltrisiloxane	203-497-4	107-51-7	21/01/2025	D(2024)7663-DC
O,O,O-triphenyl phosphorothioate	209-909-9	597-82-0	21/01/2025	D(2024)7663-DC
6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	701-118-1	2156592-54-8	21/01/2025	D(2024)7663-DC
Triphenyl phosphate	204-112-2	115-86-6	07/11/2024	D(2024)6225-DC
Bis(α,α-dimethylbenzyl) peroxide	201-279-3	80-43-3	27/06/2024	D(2024)4144-DC
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated EC No.: 270-966-8 CAS No.: 68512-30-1	700-960-7	-	23/01/2024	D(2023)8585-DC
Bumetrizole (UV-326)	223-445-4	3896-11-5	23/01/2024	D(2023)8585-DC
2-(dimethylamino)-2-[(4-methylphenyl) methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	23/01/2024	D(2023)8585-DC
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol (UV-329)	221-573-5	3147-75-9	23/01/2024	D(2023)8585-DC
2,4,6-tri-tert-butylpheno	211-989-5	732-26-3	23/01/2024	D(2023)8585-DC
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	278-355-8	75980-60-8	14/06/2023	D(2023)3788-DC
Bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	14/06/2023	D(2023)3788-DC
reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	-	17/01/2023	D(2022)9120-DC
Perfluoroheptanoic acid and its salts Ammonium perfluoroheptanoate EC No.: 228-098-2 CAS No.: 6130-43-4 potassium perfluoroheptanoate EC No.: - CAS No.: 21049-36-5 Perfluoroheptanoic acid EC No.: 206-798-9 CAS No.: 375-85-9 Sodium perfluoroheptanoate EC No.: 243-518-4 CAS No.: 20109-59-5	-	-	17/01/2023	D(2022)9120-DC
Melamine	203-615-4	108-78-1	17/01/2023	D(2022)9120-DC
Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	17/01/2023	D(2022)9120-DC
bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate EC No.: 247-426-5 CAS No.: 26040-51-7	-	-	17/01/2023	D(2022)9120-DC
Barium diboron tetraoxide	237-222-4	13701-59-2	17/01/2023	D(2022)9120-DC
4,4'-sulphonyldiphenol	201-250-5	80-09-1	17/01/2023	D(2022)9120-DC
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	17/01/2023	D(2022)9120-DC
1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	17/01/2023	D(2022)9120-DC
N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	10/06/2022	D(2022)4187-DC
tris(2-methoxyethoxy)vinylsilane:	213-934-0	1067-53-4	17/01/2022	D(2021)10043-DC
S-(tricyclo(5.2.1.0 ^{2,6})deca-3-en-8-(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8	17/01/2022	D(2021)10043-DC
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	17/01/2022	D(2021)10043-DC
(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 1782069-81-1	-	-	17/01/2022	D(2021)10043-DC
(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 95342-41-9	-	-		
(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-25-4	-	-		
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one EC No.: 253-242-6 CAS No.: 36861-47-9	-	-		
(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 741687-98-9	-	-		
(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-30-1	-	-		
(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-21-0	-	-		
Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) Phenol, dodecyl-, branched EC No.: 310-154-3 CAS No.: 121158-58-5 Phenol, (tetrapropenyl) derivatives EC No.: - CAS No.: 74499-35-7 Phenol, 4-dodecyl-, branched EC No.: - CAS No.: 210555-94-5 4-isododecylphenol EC No.: - CAS No.: 27459-10-5	-	-	08/07/2021	D(2021)4569-DC

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Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Decision
Phenol, tetrapropylene- EC No.: - CAS No.: 57427-55-1				
Phenol, 4-isododecyl- EC No.: - CAS No.: 27147-75-7				
orthoboric acid, sodium salt	-	-	08/07/2021	D(2021)4569-DC
boric acid (H3BO3), sodium salt, hydrate EC No.: - CAS No.: 25747-83-5				
Boric acid (H3BO3), disodium salt EC No.: - CAS No.: 22454-04-2				
Trisodium orthoborate EC No.: 238-253-6 CAS No.: 14312-40-4				
Boric acid, sodium salt EC No.: 215-604-1 CAS No.: 1333-73-9				
Orthoboric acid, sodium salt EC No.: 237-560-2 CAS No.: 13840-56-7				
Boric acid (H3BO3), sodium salt (1:1) EC No.: - CAS No.: 14890-53-0				
Medium-chain chlorinated paraffins (MCCP)	-	-	08/07/2021	D(2021)4569-DC
UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17				
Alkanes, C14-16, chloro EC No.: - CAS No.: 1372804-76-6				
Alkanes, C14-17, chloro EC No.: 287-477-0 CAS No.: 85535-85-9				
di-, tri- and tetrachlorotetradecane EC No.: 950-299-5 CAS No.: -				
Tetradecane, chloro derivs. EC No.: - CAS No.: 198840-65-2				
glutaral	203-856-5	111-30-8	08/07/2021	D(2021)4569-DC
4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	08/07/2021	D(2021)4569-DC
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	08/07/2021	D(2021)4569-DC.pdf
(2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-31-3	-	-	08/07/2021	D(2021)4569-DC
2-(4-tert-butylbenzyl)propionaldehyde EC No.: 201-289-8 CAS No.: 80-54-6	204-661-8	123-91-1	08/07/2021	D(2021)4569-DC
Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	-	19/01/2021	D(2020)9139-DC
dioctyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: - CAS No.: -				
Diocetyl tin dilaurate EC No.: 222-883-3 CAS No.: 3648-18-8				
Stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: 293-901-5 CAS No.: 91648-39-4				
dioctyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: - CAS No.: -	205-594-7	143-24-8	19/01/2021	D(2020)9139-DC
Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	25/06/2020	D(2020)4578-DC
Butyl 4-hydroxybenzoate	202-318-7	94-26-8	25/06/2020	D(2020)4578-DC
2-methylimidazole	211-765-7	693-98-1	25/06/2020	D(2020)4578-DC
1-vinylimidazole	214-012-0	1072-63-5	25/06/2020	D(2020)4578-DC
Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	16/01/2020	ECHA_01_2020.pdf
Diisohexyl phthalate	276-090-2	71850-09-4	16/01/2020	ECHA_01_2020.pdf
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	16/01/2020	ECHA_01_2020.pdf
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	16/01/2020	ECHA_01_2020.pdf
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	16/07/2019	ED/71/2019
Tris(nonylphenyl) phosphite EC No.: 247-759-6 CAS No.: 26523-78-4				
tris(4-nonylphenyl, branched) phosphite EC No.: 701-028-2 CAS No.: -				
Phenol, 4-nonyl-, phosphite (3:1) EC No.: 608-492-4 CAS No.: 3050-88-2				
4-tert-butylphenol	202-679-0	98-54-4	16/07/2019	ED/71/2019 EU/2019/1194
2-methoxyethyl acetate	203-772-9	110-49-6	16/07/2019	ED/71/2019
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	-	-	16/07/2019	ED/71/2019
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate EC No.: 266-578-3 CAS No.: 67118-55-2				
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride EC No.: 218-173-8 CAS No.: 2062-98-8				
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid EC No.: 236-236-8 CAS No.: 13252-13-6				
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate EC No.: 700-242-3 CAS No.: 62037-80-3				
Pyrene	204-927-3	129-00-0	15/01/2019	ED/88/2018
Phenanthrene	201-581-5	1985-01-08	15/01/2019	ED/88/2018
Fluoranthene	205-912-4	206-44-0	15/01/2019	ED/88/2018
Benzo[k]fluoranthene	205-916-6	207-08-9	15/01/2019	ED/88/2018
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	15/01/2019	ED/88/2018
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	15/01/2019	ED/88/2018
3-benzylidene camphor; 3-BC				EU/2018/2013
Terphenyl, hydrogenated	262-967-7	61788-32-7	27/06/2018	ED/61/2018
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	27/06/2018	ED/61/2018
D4				
Lead	231-100-4	7439-92-1	27/06/2018	ED/61/2018
Ethylenediamine	203-468-6	107-15-3	27/06/2018	ED/61/2018
EDA				

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Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Decision
Dodecamethylcyclohexasiloxane D6	208-762-8	540-97-6	27/06/2018	ED/61/2018
Disodium octaborate	234-541-0	12008-41-2	27/06/2018	ED/61/2018
Dicyclohexyl phthalate DCHP	201-545-9	84-61-7	27/06/2018	EU/2018/636 ED/61/2018
Decamethylcyclopentasiloxane D5	208-764-9	541-02-6	27/06/2018	ED/61/2018
Benzo[ghi]perylene	205-883-8	191-24-2	27/06/2018	ED/61/2018
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	209-008-0	552-30-7	27/06/2018	ED/61/2018 EU/2018/594
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) Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. EC No.: 939-460-0 CAS No.: - Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine EC No.: 300-298-5 CAS No.: 93925-00-9	-	-	15/01/2018	ED/01/2018
Chrysene	205-923-4	218-01-9	15/01/2018	ED/01/2018
Cadmium nitrate	233-710-6	10325-94-7	15/01/2018	ED/01/2018
Cadmium hydroxide	244-168-5	21041-95-2	15/01/2018	ED/01/2018
Cadmium carbonate	208-168-9	513-78-0	15/01/2018	ED/01/2018
Benz[a]anthracene	200-280-6	56-55-3	15/01/2018	ED/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 ("Dechlorane Plus™") covering any of its individual anti- and syn-isomers or any combination thereof 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 EC No.: 236-948-9 CAS No.: 13560-89-9 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 EC No.: - CAS No.: - 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 EC No.: - CAS No.: -	-	-	15/01/2018	ED/01/2018
Perfluorohexane-1-sulphonic acid and its salts PFHxS Potassium perfluorohexane-1-sulphonate EC No.: 223-393-2 CAS No.: 3871-99-6 Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) EC No.: 274-462-9 CAS No.: 70225-16-0 Perfluorohexane-1-sulphonic acid EC No.: 206-587-1 CAS No.: 355-46-4 Ammonium perfluorohexane-1-sulphonate EC No.: 269-511-6 CAS No.: 68259-08-5	-	-	07/07/2017	ED/30/2017
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	12/01/2017	ED/01/2017
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Ammonium nonadecafluorodecanoate EC No.: 221-470-5 CAS No.: 3108-42-7 Nonadecafluorodecanoic acid EC No.: 206-400-3 CAS No.: 335-76-2 Decanoic acid, nonadecafluoro-, sodium salt EC No.: - CAS No.: 3830-45-3	-	-	12/01/2017	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 Phenol, heptyl derivs. EC No.: 276-743-1 CAS No.: 72624-02-3 4-heptylphenol EC No.: 217-862-0 CAS No.: 1987-50-4	-	-	12/01/2017	ED/01/2017
4,4'-isopropylidenediphenol Bisphenol A; BPA	201-245-8	1980-05-07	12/01/2017	ED/30/2017 ED/01/2017 ED 01/2018
Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	20/06/2016	ED/21/2016
Perfluorononan-1-oic-acid and its sodium and ammonium salts Ammonium salts of perfluorononan-1-oic-acid EC No.: - CAS No.: -, 4149-60-4 Perfluorononan-1-oic-acid EC No.: 206-801-3 CAS No.: 375-95-1 Sodium salts of perfluorononan-1-oic-acid EC No.: - CAS No.: -, 21049-39-8	-	-	17/12/2015	ED/79/2015
Nitrobenzene	202-716-0	98-95-3	17/12/2015	ED/79/2015
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17/12/2015	ED/79/2015
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17/12/2015	ED/79/2015
1,3-propanesultone	214-317-9	1120-71-4	17/12/2015	ED/79/2015

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Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Decision
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 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexene-1-yl)-5-methyl-5-(1-methylpropyl)- EC No.: 413-720-9 CAS No.: 117933-89-8 Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,2S)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1S,2S)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2S)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane EC No.: 700-927-7 CAS No.: - 2-(2,4-Dimethylcyclohex-3-ene-1-yl)-5-methyl-(1-methylpropyl)-1,3-dioxane EC No.: 601-499-3 CAS No.: 117933-89-8 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC No.: - CAS No.: - 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC No.: - CAS No.: -	-	-	15/06/2015	ED/39/2015
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters EC No.: 272-013-1 CAS No.: 68648-93-1 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters EC No.: 271-094-0 CAS No.: 68515-51-5	-	-	15/06/2015	ED/39/2015
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17/12/2014	ED/108/2014
Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	17/12/2014	ED/108/2014
Cadmium fluoride	232-222-0	7790-79-6	17/12/2014	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	17/12/2014	ED/108/2014
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17/12/2014	ED/108/2014
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17/12/2014	ED/108/2014
Sodium peroxometaborate	231-556-4	7632-04-04	16/06/2014	ED/49/2014
Sodium perborate, perboric acid, sodium salt Sodium perborate EC No.: 239-172-9 CAS No.: 15120-21-5 Perboric acid, sodium salt EC No.: 234-390-0 CAS No.: 11138-47-9	-	-	16/06/2014	ED/49/2014
Cadmium chloride	233-296-7	10108-64-2	16/06/2014	ED/49/2014
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16/06/2014	ED/49/2014
Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013	ED/121/2013
Lead di(acetate)	206-104-4	301-04-2	16/12/2013	ED/121/2013
Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013	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	16/12/2013	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	16/12/2013	ED/121/2013
Dihexyl phthalate	201-559-5	84-75-3	16/12/2013	ED/121/2013
Cadmium sulphide	215-147-8	1306-23-6	16/12/2013	ED/121/2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20/06/2013	ED/69/2013
Dipentyl phthalate (DPP)	205-017-9	131-18-0	20/06/2013	ED/69/2013
Cadmium oxide	215-146-2	1306-19-0	20/06/2013	ED/69/2013
Cadmium	231-152-8	7440-43-9	20/06/2013	ED/69/2013
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20/06/2013	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 20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 248-743-1 CAS No.: 27942-27-4 26-(4-nonylphenoxy)-3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol EC No.: 604-395-6 CAS No.: 14409-72-4 2-[2-(4-nonylphenoxy)ethoxy]ethanol EC No.: 243-816-4 CAS No.: 20427-84-3 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol EC No.: 230-770-5 CAS No.: 7311-27-5 Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-209-1 CAS No.: 68412-54-4 Nonylphenol, ethoxylated (8-EO) (9016-45-9) EC No.: 931-754-7 CAS No.: - Nonylphenol, branched, ethoxylated (CAS# 68412-54-4) EC No.: 932-688-1 CAS No.: - Nonylphenol, ethoxylated (15-EO) (9016-45-9) EC No.: 931-756-8 CAS No.: - Nonylphenol, ethoxylated (10-EO) (9016-45-9) EC No.: 931-755-2 CAS No.: - Nonylphenol, ethoxylated EC No.: 500-024-6 CAS No.: 9016-45-9 Nonylphenol, ethoxylated (6,5-EO) (9016-45-9) EC No.: 931-753-1 CAS No.: -	-	-	20/06/2013	ED/69/2013

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Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Decision
4-Nonylphenol, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-045-0 CAS No.: 26027-38-3 Nonylphenol, ethoxylated (EO = 4) EC No.: 939-975-0 CAS No.: - Nonylphenol, ethoxylated (polymer) EC No.: 938-618-6 CAS No.: - 2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol EC No.: 687-833-9 CAS No.: 1119449-38-5 2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol EC No.: 687-832-3 CAS No.: 1119449-37-4 Nonylphenolpolyglycoether EC No.: 932-998-7 CAS No.: - Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy- (CAS 9016-45-9) EC No.: 931-562-3 CAS No.: 9016-45-9 Isononylphenol, ethoxylated EC No.: 609-346-2 CAS No.: 37205-87-1 4-Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-315-8 CAS No.: 127087-87-0 Nonylphenol, ethoxylated (EO = 10) EC No.: 939-993-9 CAS No.: - 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaohexacosan-1-ol EC No.: 247-816-5 CAS No.: 26571-11-9				
Trilead dioxide phosphonate	235-252-2	12141-20-7	19/12/2012	ED/169/2012
Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6	19/12/2012	ED/169/2012
Tricosafuorododecanoic acid	206-203-2	307-55-1	19/12/2012	ED/169/2012
Tetralead trioxide sulphate	235-380-9	12202-17-4	19/12/2012	ED/169/2012
Tetraethyllead	201-075-4	78-00-2	19/12/2012	ED/169/2012
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19/12/2012	ED/169/2012
Silicic acid, lead salt	234-363-3	11120-22-2	19/12/2012	ED/169/2012
Silicic acid (H2Si2O5), 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	19/12/2012	ED/169/2012
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	19/12/2012	ED/169/2012
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19/12/2012	ED/169/2012
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	19/12/2012	ED/169/2012
Orange lead (lead tetroxide)	215-235-6	1314-41-6	19/12/2012	ED/169/2012
o-toluidine	202-429-0	95-53-4	19/12/2012	ED/169/2012
o-aminoazotoluene	202-591-2	97-56-3	19/12/2012	ED/169/2012
n-pentyl-isopentylphthalate	933-378-9	776297-69-9	19/12/2012	ED/169/2012
N-methylacetamide	201-182-6	79-16-3	19/12/2012	ED/169/2012
N,N-dimethylformamide	200-679-5	1968-12-02	19/12/2012	ED/169/2012
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19/12/2012	ED/169/2012
Methoxyacetic acid	210-894-6	625-45-6	19/12/2012	ED/169/2012
Lead titanium zirconium oxide	235-727-4	12626-81-2	19/12/2012	ED/169/2012
Lead titanium trioxide	235-038-9	12060-00-3	19/12/2012	ED/169/2012
Lead oxide sulfate	234-853-7	12036-76-9	19/12/2012	ED/169/2012
Lead monoxide (lead oxide)	215-267-0	1317-36-8	19/12/2012	ED/169/2012
Lead dinitrate	233-245-9	10099-74-8	19/12/2012	ED/169/2012
Lead cyanamidate	244-073-9	20837-86-9	19/12/2012	ED/169/2012
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19/12/2012	ED/169/2012
Hexahydromethylphthalic anhydride including cis- and trans- stereo isomeric forms and all possible combinations of the isomers Hexahydro-1-methylphthalic anhydride EC No.: 256-356-4 CAS No.: 48122-14-1 Hexahydromethylphthalic anhydride EC No.: 247-094-1 CAS No.: 25550-51-0 Hexahydro-4-methylphthalic anhydride EC No.: 243-072-0 CAS No.: 19438-60-9 Hexahydro-3-methylphthalic anhydride EC No.: 260-566-1 CAS No.: 57110-29-9	-	-	19/12/2012	ED/169/2012
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	19/12/2012	ED/169/2012
Henicosafuoroundecanoic acid	218-165-4	2058-94-8	19/12/2012	ED/169/2012
Furan	203-727-3	110-00-9	19/12/2012	ED/169/2012
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19/12/2012	ED/169/2012
Dioxobis(stearato)trilead	235-702-8	12578-12-0	19/12/2012	ED/169/2012
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	19/12/2012	ED/169/2012
Dimethyl sulphate	201-058-1	77-78-1	19/12/2012	ED/169/2012
Diisopentyl phthalate	210-088-4	605-50-5	19/12/2012	ED/169/2012
Diethyl sulphate	200-589-6	64-67-5	19/12/2012	ED/169/2012
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19/12/2012	ED/169/2012
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	19/12/2012	ED/169/2012
Cyclohexane-1,2-dicarboxylic anhydride all possible combinations of the cis- and trans-isomers cis-cyclohexane-1,2-dicarboxylic anhydride EC No.: 236-086-3 CAS No.: 13149-00-3	-	-	19/12/2012	ED/169/2012

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Cyclohexane-1,2-dicarboxylic anhydride EC No.: 201-604-9 CAS No.: 85-42-7 trans-cyclohexane-1,2-dicarboxylic anhydride EC No.: 238-009-9 CAS No.: 14166-21-3				
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5	19/12/2012	ED/169/2012
Biphenyl-4-ylamine	202-177-1	92-67-1	19/12/2012	ED/169/2012
Acetic acid, lead salt, basic	257-175-3	51404-69-4	19/12/2012	ED/169/2012
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19/12/2012	ED/169/2012
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19/12/2012	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 p-nonylphenol EC No.: 203-199-4 CAS No.: 104-40-5 p-isononylphenol EC No.: 247-770-6 CAS No.: 26543-97-5 4-(1-Ethyl-1,4-Dimethylpentyl)Phenol EC No.: 635-391-2 CAS No.: 142731-63-3 4-(1-Ethyl-1,3-Dimethylpentyl)Phenol EC No.: 635-389-1 CAS No.: 186825-36-5 p-(1,1-dimethylheptyl)phenol EC No.: 250-339-5 CAS No.: 30784-30-6 Phenol, 4-nonyl-, branched EC No.: 284-325-5 CAS No.: 84852-15-3 p-(1-methyloctyl)phenol EC No.: 241-427-4 CAS No.: 17404-66-9 4-(1-ethyl-1-methylhexyl)phenol EC No.: 257-907-1 CAS No.: 52427-13-1 4-(3-ethylheptan-2-yl)phenol EC No.: 635-696-0 CAS No.: 186825-39-8 4-(1,1,5-Trimethylhexyl)phenol EC No.: 635-388-6 CAS No.: 521947-27-3 Isononylphenol EC No.: 234-284-4 CAS No.: 11066-49-2 Nonylphenol EC No.: 246-672-0 CAS No.: 25154-52-3 Phenol, nonyl-, branched EC No.: 291-844-0 CAS No.: 90481-04-2	-	-	19/12/2012	ED/169/2012
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19/12/2012	ED/169/2012
4-aminoazobenzene	200-453-6	1960-09-03	19/12/2012	ED/169/2012
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues 2-[[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethanol EC No.: 618-344-0 CAS No.: 9002-93-1 20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 219-682-8 CAS No.: 2497-59-8 2-[[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethan-1-ol EC No.: 621-345-9 CAS No.: 2315-67-5 2-[2-[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethoxy]ethanol EC No.: 621-341-7 CAS No.: 2315-61-9	-	-	19/12/2012	ED/169/2012
4,4'-oxydianiline and its salts 4,4'-oxydianiline EC No.: 202-977-0 CAS No.: 101-80-4	-	-	19/12/2012	ED/169/2012
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012	ED/169/2012
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19/12/2012	ED/169/2012
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012	ED/169/2012
1,2-diethoxyethane	211-076-1	629-14-1	19/12/2012	ED/169/2012
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	19/12/2012	ED/169/2012
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) with ≥ 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	18/06/2012	ED/87/2012
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	18/06/2012	ED/87/2012
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18/06/2012	ED/87/2012
-				
Formamide	200-842-0	1975-12-07	18/06/2012	ED/87/2012
Diboron trioxide	215-125-8	1303-86-2	18/06/2012	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 ≥ 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	18/06/2012	ED/87/2012
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) with ≥ 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	18/06/2012	ED/87/2012
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18/06/2012	ED/87/2012
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with ≥ 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	18/06/2012	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	18/06/2012	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	18/06/2012	ED/87/2012
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	18/06/2012	ED/87/2012
1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18/06/2012	ED/87/2012

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Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Decision
Zirconia Aluminosilicate Refractory Ceramic Fibres 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 (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight Aluminosilicate refractory ceramic fibres EC No.: 604-314-4 CAS No.: 142844-00-6	-	-	19/12/2011	ED/77/2011 ED/95/2012
Trilead diarsenate	222-979-5	3687-31-8	19/12/2011	ED/77/2011
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	19/12/2011	ED/77/2011
Phenolphthalein	201-004-7	1977-09-08	19/12/2011	ED/77/2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19/12/2011	ED/77/2011
N,N-dimethylacetamide	204-826-4	127-19-5	19/12/2011	ED/77/2011
Lead styphnate	239-290-0	15245-44-0	19/12/2011	ED/77/2011
Lead dipicrate	229-335-2	6477-64-1	19/12/2011	ED/77/2011
Lead diazide, Lead azide	236-542-1	13424-46-9	19/12/2011	ED/77/2011
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	19/12/2011	ED/77/2011
Dichromium tris(chromate)	246-356-2	24613-89-6	19/12/2011	ED/77/2011
Calcium arsenate	231-904-5	7778-44-1	19/12/2011	ED/77/2011
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19/12/2011	ED/77/2011
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19/12/2011	ED/77/2011
Arsenic acid	231-901-9	7778-39-4	19/12/2011	ED/77/2011
Aluminosilicate Refractory Ceramic Fibres 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 (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	19/12/2011	ED/77/2011 ED/95/2012
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	19/12/2011	ED/77/2011
2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	19/12/2011	ED/77/2011
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	19/12/2011	ED/77/2011
1,2-dichloroethane	203-458-1	107-06-2	19/12/2011	ED/77/2011
Strontium chromate	232-142-6	7789-06-02	20/06/2011	ED/31/2011
Hydrazine	206-114-9	302-01-2, 7803-57-8	20/06/2011	ED/31/2011
2-ethoxyethyl acetate	203-839-2	111-15-9	20/06/2011	ED/31/2011
1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	20/06/2011	ED/31/2011
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	20/06/2011	ED/31/2011
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	20/06/2011	ED/31/2011
1,2,3-trichloropropane	202-486-1	96-18-4	20/06/2011	ED/31/2011
Cobalt(II) sulphate	233-334-2	10124-43-3	15/12/2010	ED/95/2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	15/12/2010	ED/95/2010
Cobalt(II) diacetate	200-755-8	71-48-7	15/12/2010	ED/95/2010
Cobalt(II) carbonate	208-169-4	513-79-1	15/12/2010	ED/95/2010
Chromium trioxide	215-607-8	1333-82-0	15/12/2010	ED/95/2010
Acids generated from chromium trioxide and their oligomers Chromic acid EC No.: 231-801-5 CAS No.: 7738-94-5 Oligomers of chromic acid and dichromic acid EC No.: - CAS No.: - Dichromic acid EC No.: 236-881-5 CAS No.: 13530-68-2	-	-	15/12/2010	ED/95/2010
2-methoxyethanol	203-713-7	109-86-4	15/12/2010	ED/95/2010
2-ethoxyethanol	203-804-1	110-80-5	15/12/2010	ED/95/2010
Trichloroethylene	201-167-4	1979-01-06	18/06/2010	ED/30/2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18/06/2010	ED/30/2010
Sodium chromate	231-889-5	7775-11-03	18/06/2010	ED/30/2010
Potassium dichromate	231-906-6	7778-50-9	18/06/2010	ED/30/2010
Potassium chromate	232-140-5	7789-00-6	18/06/2010	ED/30/2010
Disodium tetraborate, anhydrous	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	18/06/2010	ED/30/2010
Boric acid EC No. 233-139-2 and EC No. 234-343-4 Boric acid, crude natural EC No.: 234-343-4 CAS No.: 11113-50-1 Boric acid EC No.: 233-139-2 CAS No.: 10043-35-3	-	-	18/06/2010	ED/30/2010
Ammonium dichromate	232-143-1	7789-09-05	18/06/2010	ED/30/2010

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Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Decision
Acrylamide	201-173-7	1979-06-01	30/03/2010	ED/68/2009
Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	13/01/2010	ED/68/2009
Pitch, coal tar, high-temp.	266-028-2	65996-93-2	13/01/2010	ED/68/2009
-				
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	13/01/2010	ED/68/2009
-				
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	13/01/2010	ED/68/2009
-				
Lead chromate	231-846-0	7758-97-6	13/01/2010	ED/68/2009
Diisobutyl phthalate	201-553-2	84-69-5	13/01/2010	EU/2017/4462 ED/30/2017 ED/68/2009
Anthracene oil, anthracene-low	292-604-8	90640-82-7	13/01/2010	ED/68/2009
-				
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	13/01/2010	ED/68/2009
-				
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	13/01/2010	ED/68/2009
-				
Anthracene oil, anthracene paste	292-603-2	90640-81-6	13/01/2010	ED/68/2009
-				
Anthracene oil	292-602-7	90640-80-5	13/01/2010	ED/68/2009
-				
2,4-dinitrotoluene	204-450-0	121-14-2	13/01/2010	ED/68/2009
Triethyl arsenate	427-700-2	15606-95-8	28/10/2008	ED/67/2008
-				
Sodium dichromate	234-190-3	10588-01-9, 7789-12-0	28/10/2008	ED/67/2008
Lead hydrogen arsenate	232-064-2	7784-40-9	28/10/2008	ED/67/2008
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified 1,2,5,6,9,10-hexabromocyclododecane EC No.: 221-695-9 CAS No.: 3194-55-6 Hexabromocyclododecane EC No.: 247-148-4 CAS No.: 25637-99-4 alpha-hexabromocyclododecane EC No.: - CAS No.: 134237-50-6 beta-hexabromocyclododecane EC No.: - CAS No.: 134237-51-7 gamma-hexabromocyclododecane EC No.: - CAS No.: 134237-52-8	-	-	28/10/2008	ED/67/2008
Dibutyl phthalate (DBP)	201-557-4	84-74-2	28/10/2008	EU/2017/4462 ED/30/2017 ED/67/2008
Diarsenic trioxide	215-481-4	1327-53-3	28/10/2008	ED/67/2008
Diarsenic pentaoxide	215-116-9	1303-28-2	28/10/2008	ED/67/2008
Cobalt dichloride	231-589-4	7646-79-9	28/10/2008	ED/31/2011 ED/67/2008
Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	28/10/2008	ED/67/2008
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	28/10/2008	EU/2017/4462 ED/108/2014 ED/30/2017 ED/67/2008
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28/10/2008	EU/2017/4462 ED/30/2017 ED/67/2008
Anthracene	204-371-1	120-12-7	28/10/2008	ED/67/2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28/10/2008	ED/67/2008
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	28/10/2008	ED/67/2008
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28/10/2008	ED/67/2008