

The survey of REACH SVHC (17th 174 substances)

1 . The Applicable Panasonic Series Part Number

Products Name	Customer Part Number	Panasonic Part Number
Choke Coil	-	ELC08D***E series
Choke Coil	-	ELC10E***L series
SMD Choke Coil	-	ELL6RH series

2 . The target substance and answer

	The target substance name	Substance CAS no.	Intentionally added or not
Oct. 2008 1st	1 Anthracene	120-12-7	Not intentionally added
	2 4,4'- Diaminodiphenylmethane	101-77-9	Not intentionally added
	3 Dibutyl phthalate	84-74-2	Not intentionally added
	4 Cobalt dichloride	7646-79-9	Not intentionally added
	5 Diarsenic pentaoxide	1303-28-2	Not intentionally added
	6 Diarsenic trioxide	1327-53-3	Not intentionally added
	7 Sodium dichromate, dihydrate	7789-12-0	Not intentionally added
	8 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	Not intentionally added
	9 Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	Not intentionally added
	10 Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	Not intentionally added
	11 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	Not intentionally added
	12 Bis(tributyltin)oxide	56-35-9	Not intentionally added
	13 Lead hydrogen arsenate	7784-40-9	Not intentionally added
	14 Triethyl arsenate	15606-95-8	Not intentionally added
	15 Benzyl butyl phthalate	85-68-7	Not intentionally added
Jan. 2010 2nd	16 Anthracene oil	90640-80-5	Not intentionally added
	17 Anthracene oil, anthracene paste, distn. Lights	91995-17-4	Not intentionally added
	18 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	Not intentionally added
	19 Anthracene oil, anthracene-low	90640-82-7	Not intentionally added
	20 Anthracene oil, anthracene paste	90640-81-6	Not intentionally added
	21 Coal tar pitch, high temperature	65996-93-2	Not intentionally added
	22 2,4-Dinitrotoluene	121-14-2	Not intentionally added
	23 Disobutyl phthalate	84-69-5	Not intentionally added
	24 Lead chromate	7758-97-6	Not intentionally added
	25 Lead chromate molybdate sulphate red	12656-85-8	Not intentionally added
	26 Lead sulfochromate yellow	1344-37-2	Not intentionally added
	27 tris(2-chloroethyl)phosphate	115-96-8	Not intentionally added
	Mar. 2010	28 Acrylamide	79-06-1
29 Trichloroethylene		79-01-6	Not intentionally added
Jun. 2010 3rd	30 Boric acid	10043-35-3 and 11113-50-1	Not intentionally added
	31 Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	Not intentionally added
	32 Tetraboron disodium heptaoxide, hydrate	12267-73-1	Not intentionally added
	33 Potassium chromate	7789-00-6	Not intentionally added
	34 Ammonium dichromate	7789-09-5	Not intentionally added
	35 Potassium dichromate	7778-50-9	Not intentionally added
	36 Sodium chromate	7775-11-3	Not intentionally added
	37 Cobalt (II) diacetate	71-48-7	Not intentionally added
Dec. 2010 4th	38 Cobalt (II) carbonate	513-79-1	Not intentionally added
	39 Cobalt dinitrate	10141-05-6	Not intentionally added
	40 Cobalt (II) sulphate	10124-43-3	Not intentionally added
	41 2-Ethoxyethanol	110-80-5	Not intentionally added
	42 2-Methoxyethanol	109-86-4	Not intentionally added
	43 Chromium trioxide	1333-82-0	Not intentionally added
	44 Acids generated from chromium trioxide and their oligomers Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5, 13530-68-2	Not intentionally added
	45 2-ethoxyethyl acetate	111-15-9	Not intentionally added
Jun. 2011 5th	46 Strontium chromate	7789-06-2	Not intentionally added
	47 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	Not intentionally added
	48 Hydrazine	7803-57-8, 302-01-2	Not intentionally added
	49 1-methyl-2-pyrrolidone	872-50-4	Not intentionally added
	50 1,2,3-trichloropropane	96-18-4	Not intentionally added
	51 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	Not intentionally added
	52 Lead dipicrate	6477-64-1	Not intentionally added
	53 Lead stypnate	15245-44-0	Not intentionally added
Dec. 2011 6th	54 Lead diazide	13424-46-9	Not intentionally added
	55 Phenolphthalein	77-09-8	Not intentionally added
	56 2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	Not intentionally added
	57 N,N-Dimethylacetamide (DMAC)	127-19-5	Not intentionally added
	58 Trilead diarsenate	3687-31-8	Not intentionally added
	59 Calcium arsenate	7778-44-1	Not intentionally added
	60 Arsenic Acid	7778-39-4	Not intentionally added
	61 Bis(2-methoxyethyl)ether	111-96-6	Not intentionally added
	62 1,2-Dichloroethane	107-06-2	Not intentionally added
	63 4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	140-66-9	Not intentionally added
	64 2-Methoxyaniline,o-Anisidine	90-04-0	Not intentionally added
	65 Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	Not intentionally added
	66 Formaldehyde, oligomeric reaction products with aniline (MDA)	25214-70-4	Not intentionally added
	67 Pentazine chromate octahydroxide	49663-84-5	Not intentionally added
	68 Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	Not intentionally added
69 Dichromium tris (chromate)	24613-89-6	Not intentionally added	
70 Aluminosilicate, Refractory Ceramic Fibres	-	Not intentionally added	
71 Zirconia Aluminosilicate, Refractory Ceramic Fibres	-	Not intentionally added	
Jun. 2012 7th	72 [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)]	2580-56-5	Not intentionally added
	73 [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)]	548-62-9	Not intentionally added
	74 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	Not intentionally added
	75 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	Not intentionally added
	76 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	2451-62-9	Not intentionally added
	77 1,3,5-tris(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	59653-74-6	Not intentionally added
	78 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)]	561-41-1	Not intentionally added
	79 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	Not intentionally added
	80 Diboron trioxide	1303-86-2	Not intentionally added
	81 Formamide	75-12-7	Not intentionally added
	82 Lead(II) bis(methanesulfonate)	17570-76-2	Not intentionally added
	83 N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	Not intentionally added
	84 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)]	6786-83-0	Not intentionally added

Dec. 2012 8th	85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	Not intentionally added
	86	Pentacosfluorotridecanoic acid	72629-94-8	Not intentionally added
	87	Tricosfluorododecanoic acid	307-55-1	Not intentionally added
	88	Henicosfluoroundecanoic acid	2058-94-8	Not intentionally added
	89	Heptacosfluorotetradecanoic acid	376-06-7	Not intentionally added
	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	Not intentionally added
	91	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	-	Not intentionally added
	92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	Not intentionally added
	93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	Not intentionally added
	94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	Not intentionally added
	95	Methoxy acetic acid	625-45-6	Not intentionally added
	96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	Not intentionally added
	97	Diisopentylphthalate (DIPP)	605-50-5	Not intentionally added
	98	N-pentyl-isopentylphthalate	-	Not intentionally added
	99	1,2-Diethoxyethane	629-14-1	Not intentionally added
	100	N,N-dimethylformamide; dimethyl formamide	68-12-2	Not intentionally added
	101	Dibutyltin dichloride (DBT)	683-18-1	Not intentionally added
	102	Acetic acid, lead salt, basic	51404-69-4	Not intentionally added
	103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	Not intentionally added
	104	Lead oxide sulfate (basic lead sulfate)	12036-76-9	Not intentionally added
	105	[Phthalate(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	Not intentionally added
	106	Dioxobis(stearate)trilead	12578-12-0	Not intentionally added
	107	Fatty acids, C16-18, lead salts	91031-62-8	Not intentionally added
	108	Lead bis(tetrafluoroborate)	13814-96-5	Not intentionally added
	109	Lead cyanamide	20837-86-9	Not intentionally added
	110	Lead dinitrate	10099-74-8	Not intentionally added
	111	Lead oxide (lead monoxide)	1317-36-8	Not intentionally added
	112	Lead tetroxide (orange lead)	1314-41-6	Not intentionally added
	113	Lead titanium trioxide	12060-00-3	Not intentionally added
	114	Lead Titanium Zirconium Oxide	12626-81-2	Not intentionally added
	115	Pentalead tetraoxide sulphate	12065-90-6	Not intentionally added
	116	Pyrochlore, antimony lead yellow	8012-00-8	Not intentionally added
	117	Silicic acid, barium salt, lead-doped	68784-75-8	Not intentionally added
	118	Silicic acid, lead salt	11120-22-2	Not intentionally added
	119	Sulfurous acid, lead salt, dibasic	62229-08-7	Not intentionally added
	120	Tetraethyllead	78-00-2	Not intentionally added
	121	Tetralead trioxide sulphate	12202-17-4	Not intentionally added
	122	Trilead dioxide phosphonate	12141-20-7	Not intentionally added
	123	Furan	110-00-9	Not intentionally added
	124	Propylene oxide; 1,2-epoxypropane; methylloxirane	75-56-9	Not intentionally added
	125	Diethyl sulphate	64-67-5	Not intentionally added
	126	Dimethyl sulphate	77-78-1	Not intentionally added
	127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	Not intentionally added
	128	Dimoseb	88-85-7	Not intentionally added
	129	4,4'-methylenedi-o-toluidine	838-88-0	Not intentionally added
	130	4,4'-oxydianiline and its salts	101-80-4	Not intentionally added
	131	4-Aminoazobenzene; 4-Phenylozaniline	60-09-3	Not intentionally added
	132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	Not intentionally added
	133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	Not intentionally added
	134	Biphenyl-4-ylamine	92-67-1	Not intentionally added
135	o-aminoazotoluene	97-56-3	Not intentionally added	
136	o-Toluidine; 2-Aminotoluene	95-53-4	Not intentionally added	
137	N-methylacetamide	79-16-3	Not intentionally added	
138	1-bromopropane; n-propyl bromide	106-94-5	Not intentionally added	
Jun. 2013 9th	139	Cadmium	7440-43-9	Not intentionally added
	140	Cadmium oxide	1306-19-0	Not intentionally added
	141	Dipentyl phthalate (DPP)	131-18-0	Not intentionally added
	142	4-Nonylphenol, branched and linear, ethoxylated	-	Not intentionally added
	143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	Not intentionally added
	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	Not intentionally added
Dec. 2013 10th	145	Cadmium sulphide	1306-23-6	Not intentionally added
	146	Disodium 3,3'-[1,1'-biphenyl]-4,4'-diylbis(azo)[bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	Not intentionally added
	147	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)	1937-37-7	Not intentionally added
	148	Dihexyl phthalate	84-75-3	Not intentionally added
	149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	Not intentionally added
	150	Lead di(acetate)	301-04-2	Not intentionally added
	151	Triethyl phosphate	25155-23-1	Not intentionally added
	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	Not intentionally added
	153	Cadmium chloride	10108-64-2	Not intentionally added
	154	Sodium perborate; perboric acid, sodium salt	EC Number 239-172-9; 234-390-0	Not intentionally added
Dec. 2014 12th	155	Sodium peroxometaborate	7632-04-4	Not intentionally added
	156	Cadmium fluoride	7790-79-6	Not intentionally added
	157	Cadmium sulphate	10124-36-4, 31119-53-6	Not intentionally added
	158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	Not intentionally added
	159	2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV-328)	25973-55-1	Not intentionally added
	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	Not intentionally added
Jun. 2015 13th	161	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)	-	Not intentionally added
	162	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)	68515-51-5[1] 68648-93-1[2]	Not intentionally added
	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	Not intentionally added
Dec. 2015 14th	164	1,3-propanesultone	1120-71-4	Not intentionally added
	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	Not intentionally added
	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	Not intentionally added
	167	Nitrobenzene	98-95-3	Not intentionally added
	168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hepta-decafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	Not intentionally added
Jun. 2016 15th	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	Not intentionally added
Jan. 2017 16th	170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	Not intentionally added
	171	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]	-	Not intentionally added
	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts • Nonadecafluorodecanoic acid (335-76-2) • Decanoic acid, nonadecafluoro-, sodium salt (3830-45-3) • Ammonium nonadecafluorodecanoate (3108-42-7)	335-76-2 3830-45-3 3108-42-7	Not intentionally added
	173	p-(1,1-dimethylpropyl)phenol	80-46-6	Not intentionally added
Jul. 2017 17th	174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	-	Not intentionally added

We have judged from the theoretical value of the current ingredient table.

Thanks and Best Regards