



To : Tyco Retail Solutions

RE : REACH declaration

Dear Sir / Madam,

Kamaya Electric Co., Ltd. declare that, according to Reach regulation, we are "article" producers and manufacturers, as "Article means an object which during production is given a special shape, surface or design which determines its function to a greater

We declare that our "articles" do not contain substance(s) intended to be released under normal or reasonably foreseeable conditions of use.

Moreover, we, Kamaya, comply with REACH regulation and declare that our "articles" do not contain substance(s) included in the candidate list (SVHC) issued on 12th of January 2017 as below :

Substances Name	EC No	Date of inclusion	Reason for inclusion
	(CAS No)		
4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8 (80-05-7)	2017/1/12	Toxic for reproduction (Article 57c)
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	(335-76-2) (3830-45-3) (3108-42-7)	2017/1/12	Toxic for reproduction (Article 57c) PBT (Article 57d)
p-(1,1-dimethylpropyl)phenol	201-280-9 (80-46-6)	2017/1/12	Toxic for reproduction (Article 57c)
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]	-	2017/1/12	Toxic for reproduction (Article 57c)
Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5 (50-32-8)	2016/6/20	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e)
1,3-propanesultone	214-317-9 (1120-71-4)	2015/12/17	Carcinogenic (Article 57 a)
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)
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)
Nitrobenzene	202-716-0 (98-95-3)	2015/12/17	Toxic for reproduction (Article 57 c)
Perfluoronon-1-oic-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)
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)	2015/6/15	Toxic for reproduction (Article 57 c)
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]	-	2015/6/15	vPvB (Article 57e)
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)
Cadmium sulphate	(10124-36-4) (31119-53-6)	2014/12/17	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)
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)
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)
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)
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 concern having probable serious effects to human health (Article 57 f)
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5 (68515-50-4)	2014/6/16	Toxic for reproduction (Article 57 c)
Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	2014/6/16	Toxic for reproduction (Article 57 c)
Sodium peroxometaborate	231-556-4 (7632-04-4)	2014/6/16	Toxic for reproduction (Article 57 c)
Cadmium chloride	233-296-7 (10108-64-2)	2014/6/16	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)
Cadmium sulphide	1306-23-6	2013/12/16	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
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	2013/12/16	Carcinogenic (Article 57a);
Dihexyl phthalate	84-75-3	2013/12/16	Toxic for reproduction (Article 57 c);
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	2013/12/16	Toxic for reproduction (Article 57 c);
Trixylyl phosphate	25155-23-1	2013/12/16	Toxic for reproduction (Article 57 c);
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	2013/12/16	Carcinogenic (Article 57a);
Lead di(acetate)	301-04-2	2013/12/16	Toxic for reproduction (Article 57 c);
Cadmium	231-152-8 (7440-43-9)	2013/6/20	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
Ammonium pentadecafluorooctanoate (APFO)	223-320-4 (3825-26-1)	2013/6/20	Toxic for reproduction (Article 57 c); PBT (Article 57 d)
Pentadecafluorooctanoic acid (PFOA)	206-397-9 (335-67-1)	2013/6/20	Toxic for reproduction (Article 57 c); PBT (Article 57 d)



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Dipentyl phthalate (DPP)	205-017-9 (131-18-0)	2013/6/20	Toxic for reproduction (Article 57 c);
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]	-	2013/6/20	Equivalent level of concern having probable serious effects to the environment (Article 57 f)
Cadmium oxide	215-146-2 (1306-19-0)	2013/6/20	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
Pyrochlore, antimony lead yellow	232-382-1 (8012-00-8)	19.12.12	Toxic for reproduction (Article 57 c)
6-methoxy-m-toluidine (p-cresidine)	204-419-1 (120-71-8)	19.12.12	Carcinogenic (Article 57 a)
Henicosafuoroundecanoic acid	218-165-4 (2058-94-8)	19.12.12	vPvB (Article 57 e)
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, 234-072-0, 256-356-4, 260-566-1 (25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9)	19.12.12	Equivalent level of concern having probable serious effects to human health (Article 57 f)
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)	19.12.12	Equivalent level of concern having probable serious effects to human health (Article 57 f)
Dibutyltin dichloride (DBTC)	211-670-0 (683-18-1)	19.12.12	Toxic for reproduction (Article 57 c)
Lead bis(tetrafluoroborate)	237-486-0 (13814-96-5)	19.12.12	Toxic for reproduction (Article 57 c)
Lead dinitrate	233-245-9 (10099-74-8)	19.12.12	Toxic for reproduction (Article 57 c)
Silicic acid, lead salt	234-363-3 (11120-22-2)	19.12.12	Toxic for reproduction (Article 57 c)
4-Aminoazobenzene	200-453-6 (60-09-3)	19.12.12	Carcinogenic (Article 57a)
Lead titanium zirconium oxide	235-727-4 (12626-81-2)	19.12.12	Toxic for reproduction (Article 57 c)
Lead monoxide (Lead oxide)	215-267-0 (1317-36-8)	19.12.12	Toxic for reproduction (Article 57 c)
o-toluidine	202-429-0 (95-53-4)	19.12.12	Carcinogenic (Article 57 a)
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7 (143860-04-2)	19.12.12	Toxic for reproduction (Article 57 c)
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)	19.12.12	Toxic for reproduction (Article 57 c)
Trilead bis(carbonate)dihydroxide	215-290-6 (1319-46-6)	19.12.12	Toxic for reproduction (Article 57 c)
Furan	203-727-3 (110-00-9)	19.12.12	Carcinogenic (Article 57a)
N,N-dimethylformamide; dimethyl formamide	200-679-5 (68-12-2)	19.12.12	Toxic for reproduction (Article 57 c)
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	19.12.12	Equivalent level of concern having probable serious effects to the environment (Article 57 f)
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]	-	19.12.12	Equivalent level of concern having probable serious effects to the environment (Article 57 f)
4,4'-methylenedi-o-toluidine	212-658-8 (838-88-0)	19.12.12	Carcinogenic (Article 57a)
Diethyl sulphate	200-589-6 (64-67-5)	19.12.12	Carcinogenic (Article 57a); Mutagenic (Article 57b)
Dimethyl sulphate	201-058-1 (77-78-1)	19.12.12	Carcinogenic (Article 57a)
Lead oxide sulfate	234-853-7 (12036-76-9)	19.12.12	Toxic for reproduction (Article 57 c)
Lead titanium trioxide	235-038-9 (12060-00-3)	19.12.12	Toxic for reproduction (Article 57 c)
Acetic acid, lead salt, basic	257-175-3 (51404-69-4)	19.12.12	Toxic for reproduction (Article 57 c)
[Phthalato(2-)]dioxotrilead	273-688-5 (69011-06-9)	19.12.12	Toxic for reproduction (Article 57 c)
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9 (1163-19-5)	19.12.12	PBT (Article 57 d);vPvB (Article 57 e)
N-methylacetamide	201-182-6 (79-16-3)	19.12.12	Toxic for reproduction (Article 57 c)
Dinoseb (6-sec-butyl-2,4- dinitrophenol)	201-861-7 (88-85-7)	19.12.12	Toxic for reproduction (Article 57 c)
1,2-Diethoxyethane	211-076-1 (629-14-1)	19.12.12	Toxic for reproduction (Article 57 c)
Tetrallead trioxide sulphate	235-380-9 (12202-17-4)	19.12.12	Toxic for reproduction (Article 57 c)
N-pentyl-isopentylphthalate	(776297-69-9)	19.12.12	Toxic for reproduction (Article 57 c)
Dioxobis(stearato)trilead	235-702-8 (12578-12-0)	19.12.12	Toxic for reproduction (Article 57 c)



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Tetraethyllead	201-075-4 (78-00-2)	19.12.12	Toxic for reproduction (Article 57 c)
Pentalead tetraoxide sulphate	235-067-7 (12065-90-6)	19.12.12	Toxic for reproduction (Article 57 c)
Pentacosafuorotridecanoic acid	276-745-2 (72629-94-8)	19.12.12	vPvB (Article 57 e)
Tricosafuorododecanoic acid	206-203-2 (307-55-1)	19.12.12	vPvB (Article 57 e)
Heptacosafuorotetradecanoic acid	206-803-4 (376-06-7)	19.12.12	vPvB (Article 57 e)
1-bromopropane (n-propyl bromide)	203-445-0 (106-94-5)	19.12.12	Toxic for reproduction (Article 57 c)
Methoxy acetic acid	210-894-6 (625-45-6)	19.12.12	Toxic for reproduction (Article 57 c)
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1 (95-80-7)	19.12.12	Carcinogenic (Article 57 a)
Methyloxirane (Propylene oxide)	200-879-2 (75-56-9)	19.12.12	Carcinogenic (Article 57a); Mutagenic (Article 57b)
Trilead dioxido phosphonate	235-252-2 (12141-20-7)	19.12.12	Toxic for reproduction (Article 57 c)
o-aminoazotoluene	202-591-2 (97-56-3)	19.12.12	Carcinogenic (Article 57 a)
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2 (84777-06-0)	19.12.12	Toxic for reproduction (Article 57 c)
4,4'-oxydianiline and its salts	202-977-0 (101-80-4)	19.12.12	Carcinogenic (Article 57 a); Mutagenic (Article 57 b)
Orange lead (Lead tetroxide)	215-235-6 (1314-41-6)	19.12.12	Toxic for reproduction (Article 57 c)
Biphenyl-4-ylamine	202-177-1 (92-67-1)	19.12.12	Carcinogenic (Article 57 a)
Diisopentylphthalate	210-088-4 (605-50-5)	19.12.12	Toxic for reproduction (Article 57 c)
Fatty acids, C16-18, lead salts	292-966-7 (91031-62-8)	19.12.12	Toxic for reproduction (Article 57 c)
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8 (123-77-3)	19.12.12	Equivalent level of concern having probable serious effects to human health (Article 57 f)
Sulfurous acid, lead salt, dibasic	263-467-1 (62229-08-7)	19.12.12	Toxic for reproduction (Article 57 c)
Lead cyanidate	244-073-9 (20837-86-9)	19.12.12	Toxic for reproduction (Article 57 c)
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3 (112-49-2)	18.06.12	Toxic for reproduction (Article 57 c)
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9 (110-71-4)	18.06.12	Toxic for reproduction (Article 57 c)
Diboron trioxide	215-125-8 (1303-86-2)	18.06.12	Toxic for reproduction (Article 57 c)
Formamide	200-842-0 (75-12-7)	18.06.12	Toxic for reproduction (Article 57 c)
Lead(II) bis(methanesulfonate)	401-750-5 (17570-76-2)	18.06.12	Toxic for reproduction (Article 57 c)
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	219-514-3 (2451-62-9)	18.06.12	Mutagenic (Article 57b)
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)	18.06.12	Mutagenic (Article 57b)
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5 (90-94-8)	18.06.12	Carcinogenic (Article 57a)
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2 (101-61-1)	18.06.12	Carcinogenic (Article 57a)
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa- 2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	208-953-6 (548-62-9)	18.06.12	Carcinogenic (Article 57a)
[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	219-943-6 (2580-56-5)	18.06.12	Carcinogenic (Article 57a)
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	229-851-8 (6786-83-0)	18.06.12	Carcinogenic (Article 57a)
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	209-218-2 (561-41-1)	18.06.12	Carcinogenic (Article 57a)
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		19.12.11	Carcinogenic (article 57 a)
Calcium arsenate	231-904-5 (7778-44-1)	19.12.11	Carcinogenic (article 57 a)
Bis(2-methoxyethyl) ether	203-924-4 (111-96-6)	19.12.11	Toxic for reproduction (article 57 c)
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 pac		19.12.11	Carcinogenic (article 57 a)
Potassium hydroxyoctaoxodizincatedichromate	234-329-8 (11103-86-9)	19.12.11	Carcinogenic (article 57 a)
Lead dipicrate	229-335-2 (6477-64-1)	19.12.11	Toxic for reproduction (article 57 c)
N,N-dimethylacetamide	204-826-4 (127-19-5)	19.12.11	Toxic for reproduction (article 57 c)
Arsenic acid	231-901-9 (7778-39-4)	19.12.11	Carcinogenic (article 57 a)
2-Methoxyaniline; o-Anisidine	201-963-1 (90-04-0)	19.12.11	Carcinogenic (article 57 a)
Trilead diarsenate	222-979-5 (3687-31-8)	19.12.11	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
1,2-dichloroethane	203-458-1 (107-06-2)	19.12.11	Carcinogenic (article 57 a)
Pentazine chromate octahydroxide	256-418-0 (49663-84-5)	19.12.11	Carcinogenic (article 57 a)



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4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2 (140-66-9)	19.12.11	Equivalent level of concern having probable serious effects to the environment (article 57 f)
Formaldehyde, oligomeric reaction products with aniline	500-036-1 (25214-70-4)	19.12.11	Carcinogenic (article 57 a)
Bis(2-methoxyethyl) phthalate	204-212-6 (117-82-8)	19.12.11	Toxic for reproduction (article 57 c)
Lead diazide, Lead azide	236-542-1 (13424-46-9)	19.12.11	Toxic for reproduction (article 57 c),
Lead styphnate	239-290-0 (15245-44-0)	19.12.11	Toxic for reproduction (article 57 c)
2,2'-dichloro-4,4'-methylenedianiline	202-918-9 (101-14-4)	19.12.11	Carcinogenic (article 57 a)
Phenolphthalein	201-004-7 (77-09-8)	19.12.11	Carcinogenic (article 57 a)
Dichromium tris(chromate)	246-356-2 (24613-89-6)	19.12.11	Carcinogenic (article 57 a)
Cobalt dichloride	231-589-4 (7646-79-9)	20.06.11- 28.10.08	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
1,2,3-Trichloropropane	202-486-1 (96-18-4)	20.06.11	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6 (68515-42-4)	20.06.11	Toxic for reproduction (article 57c)
1-Methyl-2-pyrrolidone	212-828-1 (872-50-4)	20.06.11	Toxic for reproduction (article 57c)
Hydrazine	206-114-9 (302-01-2, 7803-57-8)	20.06.11	Carcinogenic (article 57a)
Strontium chromate	232-142-6 (7789-06-2)	20.06.11	Carcinogenic (article 57a)
2-Ethoxyethyl acetate	203-839-2 (111-15-9)	20.06.11	Toxic for reproduction (article 57c)
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1 (71888-89-6)	20.06.11	Toxic for reproduction (article 57c)
Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5, 236-881-5 (7738-94-5, 13530-68-2)	15.12.10	Carcinogenic (article 57a)
Cobalt(II) carbonate	208-169-4 (513-79-1)	15.12.10	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Cobalt(II) diacetate	200-755-8 (71-48-7)	15.12.10	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
2-Methoxyethanol	203-713-7 (109-86-4)	15.12.10	Toxic for reproduction (article 57c)
Chromium trioxide	215-607-8 (1333-82-0)	15.12.10	Carcinogenic and mutagenic (articles 57a and 57b)
Cobalt(II) dinitrate	233-402-1 (10141-05-6)	15.12.10	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Cobalt(II) sulphate	233-334-2 (10124-43-3)	15.12.10	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
2-Ethoxyethanol	203-804-1 (110-80-5)	15.12.10	Toxic for reproduction (article 57c)
Disodium tetraborate, anhydrous	215-540-4 (1303-96-4/ 1330-43-4/ 12179-04-3)	18.06.10	Toxic for reproduction (article 57c)
Tetraboron disodium heptaoxide, hydrate	235-541-3 (12267-73-1)	18.06.10	Toxic for reproduction (article 57c)
Potassium dichromate	231-906-6 (7778-50-9)	18.06.10	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)
Ammonium dichromate	232-143-1 (7789-09-5)	18.06.10	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)
Trichloroethylene	201-167-4 (79-01-6)	18.06.10	Carcinogenic (article 57a)
Sodium chromate	231-889-5 (7775-11-3)	18.06.10	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)
Potassium chromate	232-140-5 (7789-00-6)	18.06.10	Carcinogenic and mutagenic (articles 57a and 57b)
Boric acid	233-139-2 / 234-343-4 (10043-35-3 / 11113-50-1)	18.06.10	Toxic for reproduction (article 57c)
Acrylamide	201-173-7 (79-06-1)	30.03.10	Carcinogenic and mutagenic (articles 57 a and 57 b)
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9 (12656-85-8)	13.01.10	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Lead chromate	231-846-0 (7758-97-6)	13.01.10	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Anthracene oil, anthracene-low	292-604-8 (90640-82-7)	13.01.10	Carcinogenic ²⁾ , mutagenic ³⁾ , PBT and vPvB (articles 57a, 57b, 57d and 57e)
2,4-Dinitrotoluene	204-450-0 (121-14-2)	13.01.10	Carcinogenic (article 57a)
Tris(2-chloroethyl)phosphate	204-118-5 (115-96-8)	13.01.10	Toxic for reproduction (article 57c)



To : Tyco Retail Solutions

RE : REACH declaration

Anthracene oil, anthracene paste, anthracene fraction	295-275-9 (91995-15-2)	13.01.10	Carcinogenic ²⁾ , mutagenic ³⁾ , PBT and vPvB (articles 57a, 57b, 57d and 57e)
Anthracene oil	292-602-7 (90640-80-5)	13.01.10	Carcinogenic ¹⁾ , PBT and vPvB (articles 57a, 57d and 57e)
Pitch, coal tar, high temp.	266-028-2 (65996-93-2)	13.01.10	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e)
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7 (1344-37-2)	13.01.10	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Anthracene oil, anthracene paste, distn. lights	295-278-5 (91995-17-4)	13.01.10	Carcinogenic ²⁾ , mutagenic ³⁾ , PBT and vPvB (articles 57a, 57b, 57d and 57e)
Diisobutyl phthalate	201-553-2 (84-69-5)	13.01.10	Toxic for reproduction (article 57c)
Anthracene oil, anthracene paste	292-603-2 (90640-81-6)	13.01.10	Carcinogenic ²⁾ , mutagenic ³⁾ , PBT and vPvB (articles 57a, 57b, 57d and 57e)
Sodium dichromate	234-190-3 (7789-12-0 / 10588-01-9)	28.10.08	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4 (81-15-2)	28.10.08	vPvB (article 57e)
4,4'- Diaminodiphenylmethane (MDA)	202-974-4 (101-77-9)	28.10.08	Carcinogenic (article 57a)
Bis(tributyltin)oxide (TBTO)	200-268-0 (56-35-9)	28.10.08	PBT (article 57d)
Triethyl arsenate	427-700-2 (15606-95-8)	28.10.08	Carcinogenic (article 57a)
Dibutyl phthalate (DBP)	201-557-4 (84-74-2)	28.10.08	Toxic for reproduction (article 57c)
Diarsenic trioxide	215-481-4 (1327-53-3)	28.10.08	Carcinogenic (article 57a)
Anthracene	204-371-1 (120-12-7)	28.10.08	PBT (article 57d)
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5 (85535-84-8)	28.10.08	PBT and vPvB (articles 57 d and 57 e)
Lead hydrogen arsenate	232-064-2 (7784-40-9)	28.10.08	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Benzyl butyl phthalate (BBP)	201-622-7 (85-68-7)	28.10.08	Toxic to reproduction (article 57c)
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))	28.10.08	PBT (article 57d)
Diarsenic pentaoxide	215-116-9 (1303-28-2)	28.10.08	Carcinogenic (article 57a)
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0 (117-81-7)	28.10.08	Toxic to reproduction (article 57c)

- 1) The substance does not meet the criteria for identification as a carcinogen in situations where it contains less than 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5)
 2) The substance does not meet the criteria for identification as a carcinogen in situations where it contains less than 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5) and less than 0,1 % w/w benzene (EINECS No 200-753-7).
 3) The substance does not meet the criteria for identification as a mutagen in situations where it contains less than 0,1 % w/w benzene (EINECS No 200-753-7).]

* Please find the list ALSO in

http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp

Remarks :

*) About Lead oxide(Cas No.1317-36-8) of SVHC.

The Lead oxide is contained in a part of Kamaya product.

This is the one that contains it as an element of the glass material.

Because the glass is UVCB substance (substance of unknown or variable composition, complex reaction products or biological materials), it is off the subject.

Therefore, the Lead oxide that the kamaya product contains is off the subject.

Kamaya Product / Part No : Chip Resistor / RMC1/16SK6810FTH

Sincerely,

Makoto Suzuki

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