

To : NCEE

Title : EU REACH DIRECTIVE

We, Nidec Copal Electronics Corp, hereby declare that nothing of the 223 substances on the list is included in the following products at or above the 0.1% weight by weight concentration.

Product Name/Part Number :

[Trimmer Potentiometers]
ST-2, ST-32, ST-4, ST-42, RJ-4, CT-8, FT-83, RJ-8, TM-7, ST-7, RJ-13

[Switches]
CVS, CHS, CHP, CFS, CFP, CYP, CES, CJS, CAS, CL-SA, CL-SB, CMS, CUS, CSS, CRFS,
S-4000, S-7000, SA-7000, SH-7000, S-1000A/S-2000A, SC-1000/SC-2000, SD-1000/SD-2000,
S-8000, CS-32, CS-4, CS-7, SS-10/S-2050, CL-DA, CL-DB.

*No. 185 Lead * exceeds 0.1% by weight
RS/RG, RD, CT-20, CT-9, CT-94, SM-42, SM-43, SM-3, SM-31, RJ-5, ST-5, RJ-9

Substance Name	contains 0.1% or more in weight
1 Triethyl Arsenate	No
2 Anthracene	No
3 4,4'-Diaminodiphenylmethane	No
4 Dibutyl Phthalate	No
5 Cobalt Dichloride	No
6 Diarsenic Pentaoxide	No
7 Diarsenic Trioxide	No
8 Sodium Dichromate	No
9 5-Tert-Butyl- 2, 4, 6-Trinitro-m-xylene (Musk Xylene)	No
10 Bis (2-ethylhexyl) phthalate (DEHP)	No
11 Hexabromocyclododecane Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	No
12 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	No
13 Bis (Tributyltin) Oxide (TBTO)	No
14 Lead hydrogen arsenate	No
15 Benzyl butyl phthalate (BBP)	No
16 Anthracene oil	No
17 Anthracene oil, anthracene paste, distn. Lights	No
18 Anthracene oil, anthracene paste, anthracene fraction	No
19 Anthracene oil, anthracene-low	No
20 Anthracene oil, anthracene paste	No
21 Coal tar pitch, high temperature	No
22 Acrylamide	No
23 2,4-Dinitrotoluene	No
24 Diisobutyl phthalate (DIBP)	No
25 Lead chromate	No
26 Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	No
27 Lead sulfochromate yellow (C.I. Pigment yellow 34)	No
28 Tris (2-chloroethyl) phosphate (TCEP)	No
29 Trichloroethylene	No
30 Boric Acid	No
31 Disodium Tetraborate, Anhydrous	No
32 Tetraboron Disodium Heptaoxide, Hydrate	No
33 Sodium Chromate	No
34 Potassium Chromate	No
35 Ammonium Dichromate	No
36 Potassium Dichromate	No
37 Cobalt(II) sulphate	No
38 Cobalt(II) dintrate	No
39 Cobalt(II) carbonate	No
40 Cobalt(II) diacetate	No
41 2-Methoxyethanol	No
42 2-Ethoxyethanol	No
43 Chromium trioxide	No
44 Acids generated from chromium trioxide and their oligomers Group containing: · Chromic acid · Dichromic acid Oligomers of chromic acid and dichromic acid:	No
45 2-ethoxyethyl acetate	No
46 strontium chromate	No
47 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	No
48 Hydrazine	No
49 1-methyl-2-pyrrolidone	No
50 1,2,3-trichloropropane	No
51 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	No
52 Dichromium tris(chromate)	No
53 Potassium hydroxyoctaoxodizincatedi-chromate	No
54 Pentazinc chromate octahydroxide	No
55 Aluminosilicate Refractory Ceramic Fibres	No
56 Zirconia Aluminosilicate Refractory Ceramic Fibres	No
57 Formaldehyde, oligomeric reaction products with aniline	No
58 Bis(2-methoxyethyl) phthalate	No
59 2-Methoxyaniline; o-Anisidine	No
60 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	No
61 1,2-Dichloroethane	No
62 Bis(2-methoxyethyl) ether	No
63 Arsenic acid	No
64 Calcium arsenate	No
65 Trilead diarsenate	No
66 N,N-dimethylacetamide	No
67 2,2'-dichloro-4,4'-methylenedianiline	No
68 Phenolphthalein	No
69 Lead azide Lead diazide	No
70 Lead styphnate	No
71 Lead dipicrate	No
72 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	No
73 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	No

Substance Name	contains 0.1% or more in weight
74 Diboron trioxide	No
75 Formamide	No
76 Lead(II) bis(methanesulfonate)	No
77 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	No
78 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	No
79 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	No
80 N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	No
81 [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	No
82 [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	No
83 o,o-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	No
84 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	No
85 Bis(pentabromophenyl) ether (DecaBDE)	No
88 Pentacosafuorotridecanoic acid	No
87 Tricosafuorododecanoic acid	No
88 Henicosafuoroundecanoic acid	No
89 Heptacosafuorotetradecanoic acid	No
90 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	No
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	No
92 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	No
93 Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	No
94 Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	No
95 Methoxy acetic acid	No
96 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	No
97 Diisopentylphthalate (DIPP)	No
98 N-pentyl-isopentylphthalate	No
99 1,2-Diethoxyethane	No
100 N,N-dimethylformamide; dimethyl formamide	No
101 Dibutyltin dichloride (DBT)	No
102 Acetic acid, lead salt, basic	No
103 Basic lead carbonate (trilead bis(carbonate)dihydroxide)	No
104 Lead oxide sulfate (basic lead sulfate)	No
105 [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	No
106 Dioxobis(stearato)trilead	No
107 Fatty acids, C16-18, lead salts	No
108 Lead bis(tetrafluoroborate)	No
109 Lead cyanamidate	No
110 Lead dinitrate	No
111 Lead oxide (lead monoxide)	No
112 Lead tetroxide (orange lead)	No
113 Lead titanium trioxide	No
114 Lead Titanium Zirconium Oxide	No
115 Pentalead tetraoxide sulphate	No
116 Pyrochlore, antimony lead yellow	No
117 Silicic acid, barium salt, lead-doped	No
118 Silicic acid, lead salt	No
119 Sulfurous acid, lead salt, dibasic	No
120 Tetraethyllead	No
121 Tetralead trioxide sulphate	No
122 Trilead dioxide phosphonate	No
123 Furan	No
124 Propylene oxide; 1,2-epoxypropane; methyloxirane	No
125 Diethyl sulphate	No
126 Dimethyl sulphate	No
127 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	No
128 Dinoseb	No
129 4,4'-methylenedi-o-toluidine	No
130 4,4'-oxydianiline and its salts	No
131 4-Aminoazobenzene; 4-Phenylazoaniline	No
132 4-methyl-m-phenylenediamine (2,4-toluene-diamine)	No
133 6-methoxy-m-toluidine (p-cresidine)	No
134 Biphenyl-4-ylamine	No
135 o-aminoazotoluene	No
138 o-Toluidine; 2-Aminotoluene	No
137 N-methylacetamide	No
138 1-bromopropane; n-propyl bromide	No
139 Cadmium	No
140 Cadmium oxide	No
141 Dipentyl phthalate (DPP)	No
142 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]	No
143 Ammonium pentadecafluorooctanoate (APFO)	No
144 Pentadecafluorooctanoic acid (PFOA)	No
145 Cadmium sulphide	No
146 Dihexyl phthalate	No
147 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	No
148 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)	No
149 Imidazolidine-2-thione; 2-imidazoline-2-thiol	No
150 Lead di(acetate)	No

Substance Name	contains 0.1% or more in weight
151 Triethyl phosphate	No
152 Cadmium chloride	No
153 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	No
154 Sodium peroxometaborate	No
155 Sodium perborate; perboric acid, sodium salt	No
156 Cadmium fluoride	No
157 Cadmium sulphate	No
158 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	No
159 2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-328)	No
160 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	No
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)	No
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)	No
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 isomers of [1] and [2] or any combination thereof]	No
164 1,3-propanesultone	No
165 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	No
168 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	No
167 Nitrobenzene	No
168 Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	No
169 Benzoldeflchrysene (Benzofalpvrene)	No
170 4,4'-isopropylidenediphenol (bisphenol A; BPA)	No
171 Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	No
172 p-(1,1-dimethylpropyl)phenol	No
173 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]	No
174 Perfluorohexane-1-sulphonic acid and its salts	No
175 Chrysene	No
176 Benzalanthracene	No
177 Cadmium nitrate	No
178 Cadmium hydroxide	No
179 Cadmium carbonate	No
180 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]	No
181 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]	No
182 Octamethylcyclotetrasiloxane (D4)	No
183 Decamethylcyclopentasiloxane (D5)	No
184 Dodecamethylcyclohexasiloxane (D6)	No
185 Lead	Yes
186 Disodium octaborate	No
187 Benzofluoranthrene	No
188 Terphenyl hydrocarbonated	No
189 Ethylenediamine	No
190 Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA)	No
191 Dicyclohexyl phthalate (DCHP)	No
192 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	No
193 Benzofluoranthrene	No
194 Fluoranthene	No
195 Phenanthrene	No
196 Pyrene	No
197 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	No
198 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	No
199 2-methoxyethyl acetate	No
200 Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ? 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	No
201 4-tert-butylphenol	No
202 2-benzyl-2-dimethylamino-4'-morpholinobutylprophenone	No
203 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	No
204 Diisohexyl phthalate	No
205 Perfluorobutane sulfonic acid (PFBS) and its salts	No
206 1-vinylimidazole	No
207 2-methylimidazole	No
208 Dibutylbis(pentane-2,4-dionato-O,O')tin	No
209 Butyl 4-hydroxybenzoate(Butylparaben)	No
210 bis(2-(2-methoxyethoxy)ethyl) ether	No
211 Diocetyl dimlaurate, 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	No
212 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	No
213 Orthoboric acid, sodium salt	No
214 2,2-bis(bromomethyl)propane 1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	No
215 Glutaral	No
216 Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	No
217 Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)	No
218 1,4-dioxane	No
219 4,4'-(1-methylpropylidene)bisphenol (bisphenol B)	No
220 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol (DBMC)	No
221 tris(2-methoxyethoxy)vinylsilane	No
222 (±)-1,7,7-trimethyl-3-((4-methylphenyl)methylene)bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	No
223 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	No

Best Regards,

A. Koyama

Atsushi Koyama
CORPORATIVE QA MANAGER
Nidec Copal Electronics Corporation



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