

**CDHD****Registration, Evaluation, Authorization and restriction of Chemicals**  
**174 Substances of Very High Concern (SVHC) on ECHA Candidate List****July 7, 2017****Dear Valued Customer,**

Servotronix Motion Control Ltd. hereby declares the conformity of the CDHD Servo Drive Series, with European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH), which came into effect on June 1, 2007.

Under Article 33 of REACH, product (article) manufacturers or importers into Europe are obligated to inform recipients of any articles that contain chemicals on the Substances of Very High Concern (SVHC) candidate list above a 0.1% concentration (by weight per article).

Based on reliable information provided by our suppliers, we can confirm that the complete product range of CDHD Servo Drive manufactured by Servotronix Motion Control does not contain any of the substances on the REACH SVHC candidate list (as published by the ECHA) in concentrations greater than 0.1% by weight per article.

CDHD Servo Drive Series are non-chemical articles; therefore, Servotronix is not subject to any obligation to register or to compile safety data sheets.

In the highly unlikely event that we find a CDHD Servo Drive product contains a substance listed in the ECHA candidate list with a weight exceeding 0.1%, we will promptly fulfill our obligation to make such information known to our product users.

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Engineering Manager

Servotronix Motion Control Ltd.

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**REACH European Chemicals Agency (ECHA) Candidate List:**

- 1 Anthracene 120-12-7 204-371-1
- 2 4,4'- Diaminodiphenylmethane 101-77-9 202-974-4
- 3 Dibutyl phthalate 84-74-2 201-557-4
- 4 Cobalt dichloride 7646-79-9 231-589-4
- 5 Diarsenic pentaoxide 1303-28-2 215-116-9
- 6 Diarsenic trioxide 1327-53-3 215-481-4
- 7 Sodium dichromate, dihydrate 7789-12-0
- 8 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 81-15-2 201-329-4
- 9 Bis (2-ethyl(hexyl)phthalate) (DEHP) 117-81-7 204-211-0
- 10 Hexabromocyclododecane (HBCDD) 25637-99-4 247-148-4
- 11 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 85535-84-8 287-476-5
- 12 Bis(tributyltin)oxide 56-35-9 200-268-0
- 13 Lead hydrogen arsenate 7784-40-9 232-064-2
- 14 Triethyl arsenate 15606-95-8 427-700-2
- 15 Benzyl butyl phthalate 85-68-7 201-622-7
- 16 Anthracene oil 90640-80-5 292-602-7
- 17 Anthracene oil, anthracene paste, distn. Lights 91995-17-4 295-278-5
- 18 Anthracene oil, anthracene paste, anthracene fraction 91995-15-2 295-275-9
- 19 Anthracene oil, anthracene-low 90640-82-7 292-604-8
- 20 Anthracene oil, anthracene paste 90640-81-6 292-603-2
- 21 Pitch, coal tar, high-temp 65996-93-2 266-028-2
- 22 Diisobutyl phthalate(DIBP) 84-69-5 201-553-2
- 23 2,4-Dinitrotoluene 121-14-2 204-450-0
- 24 Tris(2-chloroethyl) phosphate 115-96-8 204-118-5
- 25 Lead chromate 7758-97-6 231-846-0
- 26 Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 12656-85-8 235-759-9
- 27 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 1344-37-2 215-693-7
- 28 Acrylamide 79-06-1 201-173-7
- 29 Sodium chromate 7775-11-3 231-889-5
- 30 Ammonium dichromate 7789-09-5 232-143-1
- 31 Potassium dichromate 7778-50-9 231-906-6
- 32 Potassium chromate 7789-00-6 232-140-5
- 33 Boric acid 10043-35-3; 11113-50-1 234-343-4; 233-139-2
- 34 Disodium tetraborate, anhydrous 1303-96-4; 1330-43-4 12179-04-3 215-540-4
- 35 Tetraboron disodium heptaoxide, hydrate 12267-73-1 235-541-3
- 36 Trichloroethylene 79-01-6 201-167-4
- 37 Cobalt(II) sulphate 10124-43-3 233-334-2
- 38 Cobalt(II) dinitrate 10141-05-6 233-402-1
- 39 Cobalt(II) carbonate 513-79-1 208-169-4
- 40 Cobalt(II) diacetate 71-48-7 200-755-8
- 41 2-Methoxyethanol 109-86-4 203-713-7
- 42 2-Ethoxyethanol 110-80-5 203-804-1
- 43 Chromium trioxide 1333-82-0 215-607-8
- 44 Chromic acid, Dichromic acid, 7738-94-5 13530-68-2 231-801-5 236-881-5

- 45 2-ethoxyethyl acetate 111-15-9 203-839-2
- 46 Strontium chromate 7789-06-2 232-142-6
- 47 1,2-Benzenedicarboxylic acid, 68515-42-4 271-084-6
- 48 Hydrazine 7803-57-8;302-01-2 206-114-9
- 49 1-methyl-2-pyrrolidone 872-50-4 212-828-1
- 50 1,2,3-trichloropropane 96-18-4 202-486-1
- 51 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, 71888-89-6 276-158-1
- 52 Calcium arsenate 7778-44-1 231-904-5
- 53 Bis(2-methoxyethyl) ether 111-96-6 203-924-4
- 54 Potassium hydroxyoctaoxidizincatedichromate 11103-86-9 234-329-8
- 55 Lead dipicrate 6477-64-1 229-335-2
- 56 N,N-dimethylacetamide 127-19-5 204-826-4
- 57 Arsenic acid 7778-39-4 231-901-9
- 58 2-Methoxyaniline; o-Anisidine 90-04-0 201-963-1
- 59 Trilead diarsenate 3687-31-8 222-979-5
- 60 1,2-dichloroethane 107-06-2 203-458-1
- 61 Pentazinc chromate octahydroxide 49663-84-5 256-418-0
- 62 Formaldehyde, oligomeric reaction products with aniline 25214-70-4 500-036-1
- 63 Bis(2-methoxyethyl) phthalate 117-82-8 204-212-6
- 64 4-(1,1,3,3-tetramethylbutyl)phenol 140-66-9 205-426-2
- 65 Lead diazide, Lead azide 13424-46-9 236-542-1
- 66 Phenolphthalein 77-09-8 201-004-7
- 67 Dichromium tris(chromate) 24613-89-6 246-356-2
- 68 Lead styphnate 15245-44-0 239-290-0
- 69 2,2'-dichloro-4,4'-methylenedianiline 101-14-4 202-918-9
- 70 Aluminosilicate, Refractory Ceramic Fibres (RCF) No. 650-017-00-8
- 71 Zirconia Aluminosilicate, Refractory Ceramic Fibres (Zr-RCF) No. 650-017-00-8
- 72  $\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 [with  $\geq 0.1\%$  of Michler's ketone 6786-83-0 229-851-8]
- 73 N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) 101-61-1 202-959-2
- 74 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6; 59653-74-6 423-400-0
- 75 Diboron trioxide 1303-86-2 215-125-8
- 76 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 112-49-2 203-977-3
- 77 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with  $\geq 0.1\%$  of 561-41-1 209-218-2]
- 78 Lead(II) bis(methanesulfonate) 17570-76-2 401-750-5
- 79 Formamide 75-12-7 200-842-0
- 80 [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1- 548-62-9 208-953-6]
- 81 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 110-71-4 203-794-9
- 82 EC No. 202-027-5 or EC No. 202-959-2) 2580-56-5 219-943-6
- 83 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) 2451-62-9 219-514-3
- 84 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 90-94-8 202-027-5
- 85 Bis(pentabromophenyl) ether (DecaBDE) 1163-19-5 214-604-9
- 86 Pentacosaflluorotridecanoic acid 72629-94-8 276-745-2
- 87 Tricosaflluorododecanoic acid 307-55-1 206-203-2
- 88 Henicosaflluoroundecanoic acid 2058-94-8 218-165-4
- 89 Heptacosaflluorotetradecanoic acid 376-06-7 206-803-4
- 90 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated

- 91 4-Nonylphenol, branched and linear - substances with a linear and/or
- 92 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) 123-77-3 204-650-8
- 93 Hexahydro-2-benzofuran-1,3-dione 85-42-7, 13149-00-3, 14166-21-3 201-604-9,
- 94 Hexahydromethylphthalic anhydride, 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
- 95 Methoxy acetic acid 625-45-6 210-894-6
- 96 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 84777-06-0 284-032-2
- 97 Diisopentylphthalate 605-50-5 210-088-4
- 98 N-pentyl-isopentylphthalate 776297-69-9 -
- 99 1,2-Diethoxyethane 629-14-1 211-076-1
- 100 N,N-dimethylformamide; dimethyl formamide 68-12-2 200-679-5
- 101 Dibutyltin dichloride (DBT) 683-18-1 211-670-0
- 102 Acetic acid, lead salt, basic 51404-69-4 257-175-3
- 103 Trilead bis(carbonate)dihydroxide (basic lead carbonate) 1319-46-6 215-290-6
- 104 Lead oxide sulfate 12036-76-9 234-853-7
- 105 [Phthalato(2-)]dioxotrilead 69011-06-9 273-688-5
- 106 Dioxobis(stearato)trilead 12578-12-0 235-702-8
- 107 Fatty acids, C16-18, lead salts 91031-62-8 292-966-7
- 108 Lead bis(tetrafluoroborate) 13814-96-5 237-486-0
- 109 Lead cyanamidate 20837-86-9 244-073-9
- 110 Lead dinitrate 10099-74-8 233-245-9
- 111 Lead oxide (lead monoxide) 1317-36-8 215-267-0
- 112 Lead tetroxide (orange lead) 1314-41-6 215-235-6
- 113 Lead titanium trioxide 12060-00-3 235-038-9
- 114 Lead Titanium Zirconium Oxide 12626-81-2 235-727-4
- 115 Pentalead tetraoxide sulphate 12065-90-6 235-067-7
- 116 Pyrochlore, antimony lead yellow 8012-00-8 232-382-1
- 117 Silicic acid, barium salt, lead-doped 68784-75-8 272-271-5
- 118 Silicic acid, lead salt 11120-22-2 234-363-3
- 119 Sulfurous acid, lead salt, dibasic 62229-08-7 263-467-1
- 120 Tetraethyllead 78-00-2 201-075-4
- 121 Tetralead trioxide sulphate 12202-17-4 235-380-9
- 122 Trilead dioxide phosphonate 12141-20-7 235-252-2
- 123 Furan 110-00-9 203-727-3
- 124 Propylene oxide; 1,2-epoxypropane; methyloxirane 75-56-9 200-879-2
- 125 Diethyl sulphate 64-67-5 200-589-6
- 126 Dimethyl sulphate 77-78-1 201-058-1
- 127 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 143860-04-2 421-150-7
- 128 Dinoseb 88-85-7 201-861-7
- 129 4,4'-methylenedi-o-toluidine 838-88-0 212-658-8
- 130 4,4'-oxydianiline and its salts 101-80-4 202-977-0
- 131 4-Aminoazobenzene; 4-Phenylazoaniline 60-09-3 200-453-6
- 132 4-methyl-m-phenylenediamine (2,4-toluene-diamine) 95-80-7 202-453-1
- 133 6-methoxy-m-toluidine (p-cresidine) 120-71-8 204-419-1
- 134 Biphenyl-4-ylamine 92-67-1 202-177-1
- 135 o-aminoazotoluene 97-56-3 202-591-2
- 136 o-Toluidine; 2-Aminotoluene 95-53-4 202-429-0

- 137 N-methylacetamide 79-16-3 201-182-6
- 138 1-bromopropane 106-94-5 203-445-0
- 139 Cadmium 7440-43-9 231-152-8
- 140 Ammonium pentadecafluorootanoate (APFO) 3825-26-1 223-320-4
- 141 Pentadecafluorooctanoic acid (PFOA) 335-67-1 206-397-9
- 142 Dipentyl phthalate (DPP) 131-18-0 205-017-9
- 143 Cadmium oxide 1306-19-0 215-146-2
- 144 4-Nonylphenol, branched and linear, ethoxylated
- 145 Cadmium sulphide 1306-23-6 215-147-8
- 146 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]
- 147 Dihexyl phthalate 84-75-3 201-559-5
- 148 Imidazolidine-2-thione; (2-imidazoline-2-thiol) 96-45-7 202-506-9
- 149 Trixylyl phosphate 25155-23-1 246-677-8
- 150 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis -573-58-0 209-358-4
- 151 Lead di(acetate) 301-04-2 206-104-4
- 152 Cadmium chloride 10108-64-2 233-296-7
- 153 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 68515-50-4 271-093-5
- 154 Sodium peroxometaborate 7632-04-4 231-556-4
- 155 Sodium perborate; perboric acid, sodium salt 239-172-9; 234-390-0
- 156 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 25973-55-1 247-384-8
- 157 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 3846-71-7 223-346-6
- 158 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4- 15571-58-1 239-622-4
- 159 Cadmium fluoride 7790-79-6 232-222-0
- 160 Cadmium sulphate 10124-36-431119-53-6 233-331-6
- 161 Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-
- 162 1,2-benzenedicarboxylic acid, 68515-51-5;68648-93-1;271-094-0;272-013-1
- 163 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], vPvB
- 164 Nitrobenzene 202-716-0 (98-95-3) (Article 57 c) Manufacture of other substances
- 165 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 223-383-8 (3864-99-1) vPvB
- 166 2-(2H-benzotriazol-2-yl)-4-(tertbutyl)-6-(sec-butyl)phenol (UV-350) 253-037-1 (36437-37-3) vPvB
- 167 1,3-propanesultone 214-317-9 (1120-71-4) Carcinogenic
- 168 Perfluorononan-1-oic-acid and its sodium & ammonium salts 206-801-3 (Article 57 c); PBT
- 169 Benzo[def]chrysene, Benzo[a]pyrene 200-028-5 Carcinogenic, Mutagenic, Toxic (57a,b,c,d,e); PBT; vPvB
- 170 4,4'-isopropylidenediphenol (bisphenol A; BPA) (201-245-8)
- 171 Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts (206-400-3), (221-470-5)
- 172 p-(1,1-dimethylpropyl)phenol (201-280-9), probable serious effects to environment (Article 57f)
- 173 4-heptylphenol, branched and linear, probable serious effects to environment (Article 57f)
- 174 Perfluorohexane-1-sulphonic acid and its salts, 355-46-4, No specific CAS for salts of the acid, vPvB