# CTC-024 REACH Compliance

**Compliance Verification Date: 9-10-2020**

## Overview

REACH stands for Registration, Evaluation, Authorization, and Restriction of Chemicals. It is a regulation of the European Union, adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals, while enhancing the competitiveness of the EU chemicals industry. In principle, REACH applies to all chemical substances; not only those used in industrial processes but also in our day-to-day lives.

REACH created the European Chemicals Agency (ECHA) which has an essential coordination role in the overall regulation process. Located in Helsinki, Finland the ECHA manages the registration, evaluation, authorization and restriction processes for chemical substances to ensure consistency across the countries in which REACH applies.

InterFET Corporation does not currently manufacture or import any chemical substances into the EU on their own or in quantities of 1 ton or more per year. In addition, imported InterFET materials do not contain chemical substances intended to be released during the normal and reasonably foreseeable conditions of the product's use as defined by the REACH regulation.

## Unpackaged Part Compliance

An InterFET unpackaged part is defined as a raw wafer, or individual waffle packed die in a COT or CFT configuration. All InterFET unpackaged end products meet the requirements of the latest regulation (EC) No 1907/2006 of the European Parliament and do not exceed the specified limitation for the 209 Substances of Very High Concern (SVHC) as described in Annex XVII of the REACH specification dated June 29, 2020. A summary of the materials tested and conditions are outlined in the accompanying SVHC Table I.

## Packaged Part Compliance

An InterFET packaged part includes all metal case and plastic encapsulated part offerings. Typical InterFET metal case parts include TO-18, T0-71, and TO-78 parts. Typical InterFET plastic encapsulated parts include TO-92, SOT23, SC70-5 and SOIC8 parts. All InterFET packaged end products meet the requirements of the latest regulation (EC) No 1907/2006 of the European Parliament and do not exceed the specified limitation for the 209 Substances of Very High Concern (SVHC) as described in Annex XVII of the REACH specification dated June 29, 2020. A summary of the materials tested and conditions are outlined in the accompanying SVHC Table I.

## Table I: REACH Substances of Very High Concern (SVHC)

| Index | Chemical Name | EC Number | Metal Case | Plastic Parts |
|---|---|---|---|---|
| 1 | Triethyl arsenate | 427-700-2 | ND(1) | ND(1) |
| 2 | Sodium dichromate | 234-190-3 | ND(1) | ND(1) |
| 3 | Lead hydrogen arsenate | 232-064-2 | ND(1) | ND(1) |
| 4 | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane | 247-148-4, 221-695-9 | ND(1) | ND(1) |
| 5 | Dibutyl phthalate (DBP) | 201-557-4 | ND(1) | ND(1) |
| 6 | Diarsenic trioxide | 215-481-4 | ND(1) | ND(1) |
| 7 | Diarsenic pentaoxide | 215-116-9 | ND(1) | ND(1) |
| 8 | Bis(tributyltin) oxide (TBTO) | 200-268-0 | ND(1) | ND(1) |
| 9 | Benzyl butyl phthalate (BBP) | 201-622-7 | ND(1) | ND(1) |
| 10 | Anthracene | 204-371-1 | ND(1) | UMBL(2) |
| 11 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 287-476-5 | ND(1) | ND(1) |
| 12 | 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene) | 201-329-4 | ND(1) | ND(1) |
| 13 | 4,4'- Diaminodiphenylmethane (MDA) | 202-974-4 | ND(1) | ND(1) |
| 14 | Tris(2-chloroethyl)phosphate | 204-118-5 | ND(1) | ND(1) |
| 15 | Pitch, coal tar, high temp. | 266-028-2 | ND(1) | ND(1) |
| 16 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) | 215-693-7 | ND(1) | ND(1) |
| 17 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) | 235-759-9 | ND(1) | ND(1) |
| 18 | Lead chromate | 231-846-0 | ND(1) | ND(1) |
| 19 | Diisobutyl phthalate (DIBP) | 201-553-2 | ND(1) | ND(1) |
| 20 | Anthracene oil, anthracene-low | 292-604-8 | ND(1) | ND(1) |
| 21 | Anthracene oil, anthracene paste, distn. lights | 295-278-5 | ND(1) | ND(1) |
| 22 | Anthracene oil, anthracene paste, anthracene fraction | 295-275-9 | ND(1) | ND(1) |
| 23 | Anthracene oil, anthracene paste | 292-603-2 | ND(1) | ND(1) |
| 24 | Anthracene oil | 292-602-7 | ND(1) | ND(1) |
| 25 | 2,4-Dinitrotoluene (2,4-DNT) | 204-450-0 | ND(1) | ND(1) |
| 26 | Acrylamide | 201-173-7 | ND(1) | ND(1) |
| 27 | Trichloroethylene | 201-167-4 | ND(1) | ND(1) |
| 28 | Tetraboron disodium heptaoxide, hydrate | 235-541-3 | ND(1) | ND(1) |
| 29 | Sodium chromate | 231-889-5 | ND(1) | ND(1) |
| 30 | Potassium dichromate | 231-906-6 | ND(1) | ND(1) |
| 31 | Potassium chromate | 232-140-5 | ND(1) | ND(1) |
| 32 | Disodium tetraborate, anhydrous | 215-540-4 | ND(1) | ND(1) |
| 33 | Boric acid | 233-139-2, 234-343-4 | ND(1) | ND(1) |
| 34 | Ammonium dichromate | 232-143-1 | ND(1) | ND(1) |
| 35 | Cobalt(II) sulphate | 233-334-2 | ND(1) | ND(1) |
| 36 | Cobalt(II) dinitrate | 233-402-1 | ND(1) | ND(1) |
| 37 | Cobalt(II) diacetate | 200-755-8 | ND(1) | ND(1) |
| 38 | Cobalt(II) carbonate | 208-169-4 | ND(1) | ND(1) |
| 39 | Chromium trioxide | 215-607-8 | ND(1) | ND(1) |

1. ND: Not Detected. Material not used or not detected to the Measured Device Limits (MDL) of the test equipment. Trace quantities of listed material may be present due to process requirements but are below the reporting threshold.
2. UMBL: Used Material Below Limit. This material is used in the manufacturing of the specified product but is below the required limit of 0.1% (1000ppm).

## Table I: REACH Substances of Very High Concern (SVHC) Continued

| Index | Chemical Name | EC Number | Metal Case | Plastic Parts |
|---|---|---|---|---|
| 40 | Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid. | 231-801-5, 236-881-5 | ND(1) | ND(1) |
| 41 | 2-Methoxyethanol | 203-713-7 | ND(1) | ND(1) |
| 42 | 2-Ethoxyethanol | 203-804-1 | ND(1) | ND(1) |
| 43 | Strontium chromate | 232-142-6 | ND(1) | ND(1) |
| 44 | Hydrazine | 206-114-9 | ND(1) | ND(1) |
| 45 | 2-Ethoxyethyl acetate | 203-839-2 | ND(1) | ND(1) |
| 46 | 1-Methyl-2-pyrrolidone (NMP) | 212-828-1 | ND(1) | ND(1) |
| 47 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 271-084-6 | ND(1) | ND(1) |
| 48 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | 276-158-1 | ND(1) | ND(1) |
| 49 | 1,2,3-trichloropropane | 202-486-1 | ND(1) | ND(1) |
| 50 | Cobalt dichloride | 231-589-4 | ND(1) | ND(1) |
| 51 | 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 (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight | -- | ND(1) | ND(1) |
| 52 | Trilead diarsenate | 222-979-5 | ND(1) | ND(1) |
| 53 | Potassium hydroxyoctaoxodizincatedichromate | 234-329-8 | ND(1) | ND(1) |
| 54 | Phenolphthalein | 201-004-7 | ND(1) | ND(1) |
| 55 | Pentazinc chromate octahydroxide | 256-418-0 | ND(1) | ND(1) |
| 56 | N,N-dimethylacetamide | 204-826-4 | ND(1) | ND(1) |
| 57 | Lead styphnate | 239-290-0 | ND(1) | ND(1) |
| 58 | Lead dipicrate | 229-335-2 | ND(1) | ND(1) |
| 59 | Lead diazide, Lead azide | 236-542-1 | ND(1) | ND(1) |
| 60 | Formaldehyde, oligomeric reaction products with aniline | 500-036-1 | ND(1) | ND(1) |
| 61 | Dichromium tris(chromate) | 246-356-2 | ND(1) | ND(1) |
| 62 | Calcium arsenate | 231-904-5 | ND(1) | ND(1) |
| 63 | Bis(2-methoxyethyl) phthalate | 204-212-6 | ND(1) | ND(1) |
| 64 | Bis(2-methoxyethyl) ether | 203-924-4 | ND(1) | ND(1) |
| 65 | Arsenic acid | 231-901-9 | ND(1) | ND(1) |

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## Table I: REACH Substances of Very High Concern (SVHC) Continued

| Index | Chemical Name | EC Number | Metal Case | Plastic Parts |
|---|---|---|---|---|
| 66 | 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 (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight | -- | ND(1) | ND(1) |
| 67 | 4-(1,1,3,3-tetramethylbutyl)phenol | 205-426-2 | ND(1) | ND(1) |
| 68 | 2-Methoxyaniline,o-Anisidine | 201-963-1 | ND(1) | ND(1) |
| 69 | 2,2'-dichloro-4,4'-methylenedianiline (MOCA) | 202-918-9 | ND(1) | ND(1) |
| 70 | 1,2-Dichloroethane | 203-458-1 | ND(1) | ND(1) |
| 71 | 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 | ND(1) | ND(1) |
| 72 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 202-959-2 | ND(1) | ND(1) |
| 73 | Lead(II) bis(methanesulfonate) | 401-750-5 | ND(1) | ND(1) |
| 74 | Formamide | 200-842-0 | ND(1) | ND(1) |
| 75 | Diboron trioxide | 215-125-8 | ND(1) | ND(1) |
| 76 | [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 | ND(1) | ND(1) |
| 77 | [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 | ND(1) | ND(1) |
| 78 | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | 202-027-5 | ND(1) | ND(1) |
| 79 | 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 | ND(1) | ND(1) |
| 80 | 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 | ND(1) | ND(1) |
| 81 | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) | 219-514-3 | ND(1) | ND(1) |
| 82 | 1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME) | 203-794-9 | ND(1) | ND(1) |
| 83 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme) | 203-977-3 | ND(1) | ND(1) |
| 84 | Trilead dioxide phosphonate | 235-252-2 | ND(1) | ND(1) |
| 85 | Trilead bis(carbonate) dihydroxide | 215-290-6 | ND(1) | ND(1) |
| 86 | Tricosafluorododecanoic acid | 206-203-2 | ND(1) | ND(1) |
| 87 | Tetralead trioxide sulphate | 235-380-9 | ND(1) | ND(1) |

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## Table I: REACH Substances of Very High Concern (SVHC) Continued

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|---|---|---|---|---|
| 88 | Tetraethyllead | 201-075-4 | ND(1) | ND(1) |
| 89 | Sulfurous acid, lead salt, dibasic | 263-467-1 | ND(1) | ND(1) |
| 90 | Silicic acid, lead salt | 234-363-3 | ND(1) | ND(1) |
| 91 | Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>), 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 | ND(1) | ND(1) |
| 92 | Pyrochlore, antimony lead yellow | 232-382-1 | ND(1) | ND(1) |
| 93 | Pentalead tetraoxide sulphate | 235-067-7 | ND(1) | ND(1) |
| 94 | Pentacosafluorotridecanoic acid | 276-745-2 | ND(1) | ND(1) |
| 95 | Orange lead (lead tetroxide) | 215-235-6 | ND(1) | ND(1) |
| 96 | o-Toluidine | 202-429-0 | ND(1) | ND(1) |
| 97 | o-aminoazotoluene | 202-591-2 | ND(1) | ND(1) |
| 98 | N-pentyl-isopentylphthalate | | ND(1) | ND(1) |
| 99 | N-methylacetamide | 201-182-6 | ND(1) | ND(1) |
| 100 | N,N-dimethylformamide | 200-679-5 | ND(1) | ND(1) |
| 101 | Methyloxirane (Propylene oxide) | 200-879-2 | ND(1) | ND(1) |
| 102 | Methoxyacetic acid | 210-894-6 | ND(1) | ND(1) |
| 103 | Lead titanium zirconium oxide | 235-727-4 | ND(1) | ND(1) |
| 104 | Lead titanium trioxide | 235-038-9 | ND(1) | ND(1) |
| 105 | Lead oxide sulfate | 234-853-7 | ND(1) | ND(1) |
| 106 | Lead monoxide (lead oxide) | 215-267-0 | ND(1) | ND(1) |
| 107 | Lead dinitrate | 233-245-9 | ND(1) | ND(1) |
| 108 | Lead cyanamidate | 244-073-9 | ND(1) | ND(1) |
| 109 | Lead bis(tetrafluoroborate) | 237-486-0 | ND(1) | ND(1) |
| 110 | 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, 243-072-0, 256-356-4, 260-566-1 | ND(1) | ND(1) |
| 111 | Heptacosafluorotetradecanoic acid | 206-803-4 | ND(1) | ND(1) |
| 112 | Henicosafluoroundecanoic acid | 218-165-4 | ND(1) | ND(1) |
| 113 | Furan | 203-727-3 | ND(1) | ND(1) |
| 114 | Fatty acids, C16-18, lead salts | 292-966-7 | ND(1) | ND(1) |
| 115 | Dioxobis(stearato)trilead | 235-702-8 | ND(1) | ND(1) |
| 116 | Dinoseb (6-sec-butyl-2,4-dinitrophenol) | 201-861-7 | ND(1) | ND(1) |
| 117 | Dimethyl sulphate | 201-058-1 | ND(1) | ND(1) |
| 118 | Diisopentylphthalate | 210-088-4 | ND(1) | ND(1) |
| 119 | Diethyl sulphate | 200-589-6 | ND(1) | ND(1) |
| 120 | Dibutyltin dichloride (DBTC) | 211-670-0 | ND(1) | ND(1) |
| 121 | Diazene-1,2-dicarboxamide (C,C`-azodi(formamide)) (ADCA) | 204-650-8 | ND(1) | ND(1) |

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## Table I: REACH Substances of Very High Concern (SVHC) Continued

| Index | Chemical Name | EC Number | Metal Case | Plastic Parts |
|---|---|---|---|---|
| 122 | 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 | ND(1) | ND(1) |
| 123 | Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) | 214-604-9 | ND(1) | ND(1) |
| 124 | Biphenyl-4-ylamine | 202-177-1 | ND(1) | ND(1) |
| 125 | Acetic acid, lead salt, basic | 257-175-3 | ND(1) | ND(1) |
| 126 | [Phthalato(2-)]dioxotrilead | 273-688-5 | ND(1) | ND(1) |
| 127 | 6-methoxy-m-toluidine (p-cresidine) | 204-419-1 | ND(1) | ND(1) |
| 128 | 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] | -- | ND(1) | ND(1) |
| 129 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | 202-453-1 | ND(1) | ND(1) |
| 130 | 4-Aminoazobenzene | 200-453-6 | ND(1) | ND(1) |
| 131 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] | -- | ND(1) | ND(1) |
| 132 | 4,4'-oxydianiline and its salts | 202-977-0 | ND(1) | ND(1) |
| 133 | 4,4'-methylenedi-o-toluidine | 212-658-8 | ND(1) | ND(1) |
| 134 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 421-150-7 | ND(1) | ND(1) |
| 135 | 1-bromopropane (n-propyl bromide) | 203-445-0 | ND(1) | ND(1) |
| 136 | 1,2-Diethoxyethane | 211-076-1 | ND(1) | ND(1) |
| 137 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 284-032-2 | ND(1) | ND(1) |
| 138 | Pentadecafluorooctanoic acid (PFOA) | 206-397-9 | ND(1) | ND(1) |
| 139 | Dipentyl phthalate (DPP) | 205-017-9 | ND(1) | ND(1) |
| 140 | Cadmium oxide | 215-146-2 | ND(1) | ND(1) |
| 141 | Cadmium | 231-152-8 | ND(1) | ND(1) |
| 142 | Ammonium pentadecafluorooctanoate (APFO) | 223-320-4 | ND(1) | ND(1) |
| 143 | 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] | -- | ND(1) | ND(1) |
| 144 | Trixylyl phosphate | 246-677-8 | ND(1) | ND(1) |
| 145 | Lead di(acetate) | 206-104-4 | ND(1) | ND(1) |
| 146 | Imidazolidine-2-thione (2-imidazoline-2-thiol) | 202-506-9 | ND(1) | ND(1) |

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## Table I: REACH Substances of Very High Concern (SVHC) Continued

| Index | Chemical Name | EC Number | Metal Case | Plastic Parts |
|---|---|---|---|---|
| 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) | 217-710-3 | ND(1) | ND(1) |
| 148 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) | 209-358-4 | ND(1) | ND(1) |
| 149 | Dihexyl phthalate | 201-559-5 | ND(1) | ND(1) |
| 150 | Cadmium sulphide | 215-147-8 | ND(1) | ND(1) |
| 151 | Sodium peroxometaborate | 231-556-4 | ND(1) | ND(1) |
| 152 | Sodium perborate,perboric acid, sodium salt | 239-172-9, 234-390-0 | ND(1) | ND(1) |
| 153 | Cadmium chloride | 233-296-7 | ND(1) | ND(1) |
| 154 | 1,2-Benzenedicarboxylic acid, dihexylester, branched and linear | 271-093-5 | ND(1) | ND(1) |
| 155 | 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) | -- | ND(1) | ND(1) |
| 156 | Cadmium sulphate | 233-331-6 | ND(1) | ND(1) |
| 157 | Cadmium fluoride | 232-222-0 | ND(1) | ND(1) |
| 158 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 239-622-4 | ND(1) | ND(1) |
| 159 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 223-346-6 | ND(1) | ND(1) |
| 160 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 247-384-8 | ND(1) | ND(1) |
| 161 | Bis (2-ethylhexyl)phthalate (DEHP) | 204-211-0 | ND(1) | ND(1) |
| 162 | 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] | -- | ND(1) | ND(1) |
| 163 | 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 | ND(1) | ND(1) |
| 164 | Perfluorononan-1-oic-acid and its sodium and ammonium salts | 206-801-3 | ND(1) | ND(1) |
| 165 | 1,3-propanesultone | 214-317-9 | ND(1) | ND(1) |
| 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 253-037-1 | ND(1) | ND(1) |
| 167 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 223-383-8 | ND(1) | ND(1) |
| 168 | Nitrobenzene | 202-716-0 | ND(1) | ND(1) |
| 169 | Benzo[def]chrysene | 200-028-5 | ND(1) | UMBL(2) |
| 170 | p-(1,1-dimethylpropyl)phenol (PTAP) | 201-280-9 | ND(1) | ND(1) |
| 171 | 4-heptylphenol, branched and linear (4-HPbl) | -- | ND(1) | ND(1) |
| 172 | nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 206-400-3 | ND(1) | ND(1) |
| 173 | 4,4'-isopropylidenediphenol (bisphenol A) | 201-245-8 | ND(1) | ND(1) |
| 174 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS) | -- | ND(1) | ND(1) |
| 175 | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) | -- | ND(1) | ND(1) |

1. ND: Not Detected. Material not used or not detected to the Measured Device Limits (MDL) of the test equipment. Trace quantities of listed material may be present due to process requirements but are below the reporting threshold.
2. UMBL: Used Material Below Limit. This material is used in the manufacturing of the specified product but is below the required limit of 0.1% (1000ppm).

## Table I: REACH Substances of Very High Concern (SVHC) Continued

| Index | Chemical Name | EC Number | Metal Case | Plastic Parts |
|---|---|---|---|---|
| 176 | Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (“Dechlorane Plus”™) | -- | ND(1) | ND(1) |
| 177 | Chrysene | 205-923-4 | ND(1) | UMBL(2) |
| 178 | Cadmium nitrate | 233-710-6 | ND(1) | ND(1) |
| 179 | Cadmium hydroxide | 244-168-5 | ND(1) | ND(1) |
| 180 | Cadmium carbonate | 208-168-9 | ND(1) | ND(1) |
| 181 | Benz[a]anthracene | 200-280-6 | ND(1) | UMBL(2) |
| 182 | benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA) | 209-008-0 | ND(1) | ND(1) |
| 183 | Dicyclohexyl phthalate (DCHP) | 201-545-9 | ND(1) | ND(1) |
| 184 | Terphenyl, hydrogenated | 262-967-7 | ND(1) | ND(1) |
| 185 | Octamethylcyclotetrasiloxane(D4) | 209-136-7 | ND(1) | UMBL(2) |
| 186 | Lead | 231-100-4 | ND(1) | ND(1) |
| 187 | Ethylenediamine | 203-468-6 | ND(1) | ND(1) |
| 188 | Dodecamethylcyclohexasiloxane(D6) | 208-762-8 | ND(1) | UMBL(2) |
| 189 | Disodium octaborate | 234-541-0 | ND(1) | ND(1) |
| 190 | Decamethylcyclopentasiloxane (D5) | 208-764-9 | ND(1) | UMBL(2) |
| 191 | Benzo[ghi]perylene | 205-883-8 | ND(1) | UMBL(2) |
| 192 | Pyrene | 204-927-3 | ND(1) | UMBL(2) |
| 193 | Phenanthrene | 201-581-5 | ND(1) | UMBL(2) |
| 194 | Fluoranthene | 205-912-4 | ND(1) | UMBL(2) |
| 195 | Benzo[k]fluoranthene | 205-916-6 | ND(1) | UMBL(2) |
| 196 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 401-720-1 | ND(1) | ND(1) |
| 197 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC) | 239-139-9 | ND(1) | ND(1) |
| 198 | 4-tert-butylphenol | 202-679-0 | ND(1) | ND(1) |
| 199 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) | -- | ND(1) | ND(1) |
| 200 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) | -- | ND(1) | ND(1) |
| 201 | 2-methoxyethyl acetate | 203-772-9 | ND(1) | ND(1) |
| 202 | Diisohexyl phthalate | 276-090-2 | ND(1) | ND(1) |
| 203 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | 404-360-3 | ND(1) | ND(1) |
| 204 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 400-600-6 | ND(1) | ND(1) |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts | -- | ND(1) | ND(1) |
| 206 | 1-vinylimidazole | 214-012-0 | ND(1) | ND(1) |
| 207 | 2-methylimidazole | 211-765-7 | ND(1) | ND(1) |
| 208 | butyl 4-hydroxybenzoate | 202-318-7 | ND(1) | ND(1) |
| 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin | 245-152-0 | ND(1) | ND(1) |

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