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# Test Report

NUMBER : TSNH00521901

Applicant : Shijiazhuang Qicai Knitting CO., Ltd.
Opposite of Dongzhang Township Government, Yuanshi, Shijiazhuang, Hebei Province, China
Attn :Shouxian Li

Date : Nov 14, 2024
Reamrk: All test results stated in this duplicated report are referred to our chinese report TSNH00519641 dated Nov 11, 2024.

Photo:


**********

To be continued

Authorized By :
For Intertek Testing Services (Tianjin) Ltd.

David Zhang
Asst.General Manager



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Sample Description:

One (1) submitted sample said to be

Item Name : Honeycomb mesh fabric
Material : 100% polyester
Manufacturer : Shijiazhuang Qicai Knitting CO., Ltd.

**********

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

**********

Conclusion:

| Tested Sample | Standard | Result |
|---|---|---|
| Submitted Sample | EU REACH Regulation (EC) No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH and Waste Framework Directive (WFD) requirement in report for details) | Meet Requirement |

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To be continued

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# Test Report

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SVHC Testing Results

By Inductively Coupled Plasma Optical Emission Spectrometry, Ion Chromatography, UV-Visible Spectrophotometry, Gas Chromatographic - Mass Spectrometry, Liquid Chromatographic / Tandem Mass Spectrometer and High Performance Liquid Chromatography analysis.

| No. | Chemical Substance | CAS No. | Results % (w/w) |
|---|---|---|---|
| -- | All other tested SVHC | -- | ND |

Remark: SVHC = Substance of very high concern
ND = Not detected (less than reporting limit)
Reporting limit = 0.1%

Tested SVHC Chemicals List:

| No. | Chemical Substance | CAS No. | No. | Chemical Substance | CAS No. |
|---|---|---|---|---|---|
| 1 | Cobalt Dichloride Δ | 7646-79-9 | 2 | Diarsenic Pentaoxide Δ | 1303-28-2 |
| 3 | Diarsenic Trioxide Δ | 1327-53-3 | 4 | Lead Hydrogen Arsenate Δ | 7784-40-9 |
| 5 | Triethyl Arsenate Δ | 15606-95-8 | 6 | Sodium Dichromate Δ | 7789-12-0, 10588-01-9 |
| 7 | Bis (Tributyltin) Oxide (TBTO) Δ | 56-35-9 | 8 | Anthracene | 120-12-7 |
| 9 | 4,4'-Diaminodiphenylmethane (MDA) | 101-77-9 | 10 | Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD) | 25637-99-4 and 3194-55-6 (134237-50-6,134237-51-7, 134237-52-8) |
| 11 | 5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene) | 81-15-2 | 12 | Bis (2-Ethylhexyl) Phthalate (DEHP) | 117-81-7 |
| 13 | Dibutyl Phthalate (DBP) | 84-74-2 | 14 | Benzyl Butyl Phthalate (BBP) | 85-68-7 |
| 15 | Short Chain Chlorinated Paraffins ($C_{10-13}$) | 85535-84-8 | 16 | Lead Chromate Δ | 7758-97-6 |
| 17 | Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ | 12656-85-8 | 18 | Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) Δ | 1344-37-2 |
| 19 | Tris (2-Chloroethyl) Phosphate | 115-96-8 | 20 | 2,4-Dinitrotoluene | 121-14-2 |
| 21 | Diisobutyl Phthalate (DIBP) | 84-69-5 | 22 | Coal Tar Pitch, High Temperature | 65996-93-2 |
| 23 | Anthracene Oil | 90640-80-5 | 24 | Anthracene Oil, Anthracene Paste, Distn. Lights | 91995-17-4 |
| 25 | Anthracene Oil, Anthracene Paste, Anthracene Fraction | 91995-15-2 | 26 | Anthracene Oil, Anthracene-low | 90640-82-7 |



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| | | | | | |
|---|---|---|---|---|---|
| 27 | Anthracene Oil, Anthracene Paste | 90640-81-6 | 28 | Acrylamide | 79-06-1 |
| 29 | Boric Acid Δ | 10043-35-3, 11113-50-1 | 30 | Disodium Tetraborate, Anhydrous Δ | 1330-43-4, 12179-04-3, 1303-96-4 |
| 31 | Tetraboron Disodium Heptaoxide, Hydrate Δ | 12267-73-1 | 32 | Sodium Chromate Δ | 7775-11-3 |
| 33 | Potassium Chromate Δ | 7789-00-6 | 34 | Ammonium Dichromate Δ | 7789-09-5 |
| 35 | Potassium Dichromate Δ | 7778-50-9 | 36 | Trichloroethylene | 79-01-6 |
| 37 | 2-Methoxyethanol | 109-86-4 | 38 | 2-Ethoxyethanol | 110-80-5 |
| 39 | Cobalt Sulphate Δ | 10124-43-3 | 40 | Cobalt Dinitrate Δ | 10141-05-6 |
| 41 | Cobalt Carbonate Δ | 513-79-1 | 42 | Cobalt Diacetate Δ | 71-48-7 |
| 43 | Chromium Trioxide Δ | 1333-82-0 | 44 | Chromic Acid Δ<br>Dichromic Acid Δ<br>Oligomers of Chromic Acid and Dichromic Acid Δ | 7738-94-5<br>13530-68-2<br>-- |
| 45 | Strontium ChromateΔ | 7789-06-2 | 46 | 2-ethoxyethyl acetate (2-EEA) | 111-15-9 |
| 47 | 1,2-Benzenedicarboxylic acid, di-$C_{7-11}$-branched and linear alkyl esters (DHNUP) | 68515-42-4 | 48 | Hydrazine | 7803-57-8<br>302-01-2 |
| 49 | 1-methyl-2-pyrrolidone | 872-50-4 | 50 | 1,2,3-trichloropropane | 96-18-4 |
| 51 | 1,2-Benzenedicarboxylic acid, di-$C_{6-8}$-branched alkyl esters, $C_7$-rich (DIHP) | 71888-89-6 | 52 | Lead dipicrateΔ | 6477-64-1 |
| 53 | Lead styphnateΔ | 15245-44-0 | 54 | Lead azide; Lead diazideΔ | 13424-46-9 |
| 55 | Phenolphthalein | 77-09-8 | 56 | 2,2'-dichloro-4,4'-methylenedianiline (MOCA) | 101-14-4 |
| 57 | N,N-dimethylacetamide (DMAC) | 127-19-5 | 58 | Trilead diarsenateΔ | 3687-31-8 |
| 59 | Calcium arsenateΔ | 7778-44-1 | 60 | Arsenic acidΔ | 7778-39-4 |
| 61 | Bis(2-methoxyethyl) ether | 111-96-6 | 62 | 1,2-Dichloroethane | 107-06-2 |
| 63 | 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) | 140-66-9 | 64 | 2-Methoxyaniline; o-Anisidine | 90-04-0 |
| 65 | Bis(2- | 117-82-8 | 66 | Formaldehyde, | 25214-70-4 |



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| | | | | | |
|---|---|---|---|---|---|
| | methoxyethyl) phthalate (DMEP) | | | oligomeric reaction products with aniline (technical MDA) | |
| 67 | Pentazinc chromate octahydroxideΔ | 49663-84-5 | 68 | Potassium hydroxyoctaoxodizincate di-chromateΔ | 11103-86-9 |
| 69 | Dichromium tris(chromate)Δ | 24613-89-6 | 70 | Aluminosilicate Refractory Ceramic Fibres Δ | (Index No. 650-017-00-8) |
| 71 | Zirconia Aluminosilicate Refractory Ceramic Fibres Δ | (Index No. 650-017-00-8) | 72 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 112-49-2 |
| 73 | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 74 | Diboron trioxideΔ | 1303-86-2 |
| 75 | Formamide | 75-12-7 | 76 | Lead(II) bis(methanesulfonate) Δ | 17570-76-2 |
| 77 | TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) | 2451-62-9 | 78 | β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) | 59653-74-6 |
| 79 | 4,4'-bis(dimethylamino) benzophenone (Michler's ketone) | 90-94-8 | 80 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1 |
| 81 | [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)] + | 548-62-9 | 82 | [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)] + | 2580-56-5 |
| 83 | 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- | 6786-83-0 | 84 | 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)] + | 561-41-1 |



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| | | | | | |
|---|---|---|---|---|---|
| | 2)] + | | | | |
| 85 | Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) | 1163-19-5 | 86 | Pentacosafluorotridecanoic acid | 72629-94-8 |
| 87 | Tricosafluorododecanoic acid | 307-55-1 | 88 | Henicosafluoroundecanoic acid | 2058-94-8 |
| 89 | Heptacosafluorotetradecanoic acid | 376-06-7 | 90 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 |
| 91 | Cyclohexane-1,2-dicarboxylic anhydride [1]<br><br>cis-cyclohexane-1,2-dicarboxylic anhydride [2]<br><br>trans-cyclohexane-1,2-dicarboxylic anhydride [3]<br><br>[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]. | 85-42-7<br><br>13149-00-3<br><br>14166-21-3 | 92 | Hexahydromethylphthalic anhydride [1],<br><br>Hexahydro-4-methylphthalic anhydride [2],<br><br>Hexahydro-1-methylphthalic anhydride [3],<br><br>Hexahydro-3-methylphthalic anhydride [4]<br><br>[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] | 25550-51-0<br><br>19438-60-9<br><br>48122-14-1<br><br>57110-29-9 |
| 93 | 4-Nonylphenol, branched and linear<br><br>[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] | -- | 94 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated<br><br>[covering well-defined substances and UVCB substances, polymers and homologues] | -- |
| 95 | Methoxyacetic acid | 625-45-6 | 96 | N,N-dimethylformamide | 68-12-2 |
| 97 | Dibutyltin dichloride | 683-18-1 | 98 | Lead monoxide (Lead | 1317-36-8 |



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| | | | | | |
|---|---|---|---|---|---|
| | (DBTC) Δ | | | oxide) Δ | |
| 99 | Orange lead (Lead tetroxide) Δ | 1314-41-6 | 100 | Lead bis(tetrafluoroborate) Δ | 13814-96-5 |
| 101 | Trilead bis(carbonate)dihydroxide Δ | 1319-46-6 | 102 | Lead titanium trioxideΔ | 12060-00-3 |
| 103 | Lead titanium zirconium oxideΔ | 12626-81-2 | 104 | Silicic acid, lead salt Δ | 11120-22-2 |
| 105 | Silicic acid (H2Si2O5), barium salt (1:1), lead-dopedΔ<br><br>[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] | 68784-75-8 | 106 | 1-bromopropane (n-propyl bromide) | 106-94-5 |
| 107 | Methyloxirane (Propylene oxide) | 75-56-9 | 108 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0 |
| 109 | Diisopentylphthalate (DIPP) | 605-50-5 | 110 | N-pentyl-isopentylphthalate | 776297-69-9 |
| 111 | 1,2-diethoxyethane | 629-14-1 | 112 | Acetic acid, lead salt, basicΔ | 51404-69-4 |
| 113 | Lead oxide sulfateΔ | 12036-76-9 | 114 | [Phthalato(2-)]dioxotrileadΔ | 69011-06-9 |
| 115 | Dioxobis(stearato)trileadΔ | 12578-12-0 | 116 | Fatty acids, C16-18, lead saltsΔ | 91031-62-8 |
| 117 | Lead cynamidateΔ | 20837-86-9 | 118 | Lead dinitrateΔ | 10099-74-8 |
| 119 | Pentalead tetraoxide sulphateΔ | 12065-90-6 | 120 | Pyrochlore, antimony lead yellowΔ | 8012-00-8 |
| 121 | Sulfurous acid, lead salt, dibasicΔ | 62229-08-7 | 122 | TetraethylleadΔ | 78-00-2 |
| 123 | Tetralead trioxide sulphateΔ | 12202-17-4 | 124 | Trilead dioxide phosphonateΔ | 12141-20-7 |
| 125 | Furan | 110-00-9 | 126 | Diethyl sulphate | 64-67-5 |
| 127 | Dimethyl sulphate | 77-78-1 | 128 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 |



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|---|---|---|---|---|---|
| 129 | Dinoseb (6-sec-butyl-2,4-dinitrophenol) | 88-85-7 | 130 | 4,4'-methylenedi-o-toluidine | 838-88-0 |
| 131 | 4,4'-oxydianiline and its salts | 101-80-4 | 132 | 4-aminoazobenzene | 60-09-3 |
| 133 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | 95-80-7 | 134 | 6-methoxy-m-toluidine (p-cresidine) | 120-71-8 |
| 135 | Biphenyl-4-ylamine | 92-67-1 | 136 | o-aminoazotoluene [(4-o-tolylazo-o-toluidine]) | 97-56-3 |
| 137 | o-toluidine | 95-53-4 | 138 | N-methylacetamide | 79-16-3 |
| 139 | CadmiumΔ | 7440-43-9 | 140 | Cadmium oxideΔ | 1306-19-0 |
| 141 | Dipentyl phthalate (DPP) | 131-18-0 | 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] | -- |
| 143 | Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 144 | Pentadecafluorooctanoic acid (PFOA) | 335-67-1 |
| 145 | Cadmium sulphideΔ | 1306-23-6 | 146 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) | 573-58-0 |
| 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 | 148 | Dihexyl phthalate (DnHP) | 84-75-3 |
| 149 | Imidazolidine-2-thione (2-imidazoline-2-thiol) | 96-45-7 | 150 | Lead di(acetate) Δ | 301-04-2 |
| 151 | Trixylyl phosphate | 25155-23-1 | 152 | 1,2-Benzenedicarboxylic | 68515-50-4 |



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| | | | | | |
|---|---|---|---|---|---|
| | | | | acid, dihexyl ester, branched and linear (Diisohexyl phthalate(DIHP)) | |
| 153 | Cadmium chlorideΔ | 10108-64-2 | 154 | Sodium perborate; perboric acid, sodium saltΔ | 15120-21-5; 11138-47-9 |
| 155 | Sodium peroxometaborateΔ | 7632-04-4 | 156 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 |
| 157 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 158 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)Δ | 15571-58-1 |
| 159 | Cadmium fluorideΔ | 7790-79-6 | 160 | Cadmium sulphateΔ | 10124-36-4; 31119-53-6 |
| 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)Δ | 15571-58-1; 27107-89-7 | 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 68648-93-1 |
| 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] | 117933-89-8 | 164 | 1,3-Propanesultone | 1120-71-4 |
| 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 3864-99-1 | 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 36437-37-3 |
| 167 | Nitrobenzene | 98-95-3 | 168 | Perfluorononan-1-oic-acid and its sodium and | 375-95-1 21049-39-8 |



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| | | | | | |
|---|---|---|---|---|---|
| | | | | ammonium salts | 4149-60-4 |
| 169 | Benzo[def]chrysene (Benzo[a]pyrene) | 50-32-8 | 170 | 4,4'-isopropylidenediphenol (bisphenol A; BPA) | 80-05-7 |
| 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 335-76-2 3830-45-3 3108-42-7 | 172 | 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] | -- |
| 173 | p-(1,1 dimethylpropyl)phenol | 80-46-6 | 174 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS) | 355-46-4 |
| 175 | Benz[a]anthracene | 56-55-3 | 176 | Cadmium nitrate∆ | 10325-94-7 |
| 177 | Cadmium carbonate∆ | 513-78-0 | 178 | Cadmium hydroxide∆ | 21041-95-2 |
| 179 | Chrysene | 218-01-9 | 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”TM) [covering any of its individual anti- and syn-isomers or any combination thereof] | -- |
| 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] | -- | 182 | Octamethylcyclotetrasiloxane (D4) | 556-67-2 |
| 183 | Decamethylcyclopentasiloxane (D5) | 541-02-6 | 184 | Dodecamethylcyclohexasiloxane (D6) | 540-97-6 |
| 185 | Lead | 7439-92-1 | 186 | Disodium octaborate∆ | 12008-41-2 |
| 187 | Benzo[ghi]perylene | 191-24-2 | 188 | Terphenyl hydrogenated | 61788-32-7 |
| 189 | Ethylenediamine (EDA) | 107-15-3 | 190 | Benzene-1,2,4-tricarboxylic acid 1,2- | 552-30-7 |



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|---|---|---|---|---|---|
| | | | | anhydride (Trimellitic anhydride) (TMA) | |
| 191 | Dicyclohexyl phthalate (DCHP) | 84-61-7 | 192 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 6807-17-6 |
| 193 | Benzo[k]fluoranthene | 207-08-9 | 194 | Fluoranthene | 206-44-0 |
| 195 | Phenanthrene | 85-01-8 | 196 | Pyrene | 129-00-0 |
| 197 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) | 15087-24-8 | 198 | 4-tert-butylphenol (PTBP) | 98-54-4 |
| 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) | - | 200 | 2-methoxyethyl acetate | 110-49-6 |
| 201 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) + | -- | 202 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | 119313-12-1 |
| 203 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 71868-10-5 | 204 | Diisohexyl phthalate | 71850-09-4 |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts | -- | 206 | 1-vinylimidazole | 1072-63-5 |
| 207 | 2-methylimidazole | 693-98-1 | 208 | Butyl 4-hydroxybenzoate | 94-26-8 |
| 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin Δ | 22673-19-4 | 210 | Bis(2-(2-methoxyethoxy)ethyl) ether | 143-24-8 |
| 211 | Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the | - | 212 | 1,4-dioxane | 123-91-1 |



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|---|---|---|---|---|---|
| | predominant carbon number of the fatty acyloxy moiety∆ | | | | |
| 213 | 2,2-bis(bromomethyl)propane1,3-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) | 3296-90-0<br>36483-57-5<br>1522-92-5<br>96-13-9 | 214 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers | -- |
| 215 | 4,4'-(1-methylpropylidene) bisphenol; (bisphenol B) | 77-40-7 | 216 | Glutaral | 111-30-8 |
| 217 | 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] | -- | 218 | Orthoboric acid, sodium salt | 13840-56-7 |
| 219 | 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) | -- | 220 | (±)-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) | -- |
| 221 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC) | 119-47-1 | 222 | 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) | 255881-94-8 |



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|---|---|---|---|---|---|
| | | | | phosphorodithioate | |
| 223 | Tris(2-ethoxyethoxy) vinylsilane | 1067-53-4 | 224 | N-(hydroxymethyl)acrylamide | 924-42-5 |
| 225 | 1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] | 37853-59-1 | 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol | 79-94-7 |
| 227 | 4,4'-sulphonyldiphenol | 80-09-1 | 228 | Barium diboron tetraoxideΔ | 13701-59-2 |
| 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof | -- | 230 | Isobutyl 4-hydroxybenzoate | 4247-02-3 |
| 231 | Melamine | 108-78-1 | 232 | Perfluoroheptanoic acid and its salts | -- |
| 233 | reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl) morpholine | -- | 234 | bis(4-chlorophenyl) sulphone (BCPS) | 80-07-9 |
| 235 | Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | 75980- 60-8 | 236 | 2,4,6-tri-tert-butylphenol (2,4,6-TTBP) | 732-26-3 |
| 237 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) | 3147-75-9 | 238 | 2-(dimethylamino)-2-[(4-methylphenyl) methyl] -1-[4-(morpholin-4-yl) phenyl]butan-1-one | 119344-86-4 |
| 239 | Bumetrizole (UV-326) | 3896-11-5 | 240 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol (OAPP) | -- |
| 241 | Bis(α,α-dimethylbenzyl) peroxide | 80-43-3 | - | - | - |

-

Proposed SVHC in the draft Commission Implementing Decision of March 2024

| No. | Chemical Substance | CAS No. | No. | Chemical Substance | CAS No. |
|---|---|---|---|---|---|



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| | | | | | |
|---|---|---|---|---|---|
| 1 | Triphenyl phosphate (TPhP) | 115-86-6 | - | - | - |

Proposed SVHC in the draft Commission Implementing Decision of August 2024

| No. | Chemical Substance | CAS No. | No. | Chemical Substance | CAS No. |
|---|---|---|---|---|---|
| 1 | 6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid (Tetra-PSCA) | 2156592-54-8 | 2 | O,O,O-triphenyl phosphorothioate (TPPT) | 597-82-0 |
| 3 | Octamethyltrisiloxane | 107-51-7 | 4 | Perfluamine | 338-83-0 |
| 5 | Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives | 192268-65-8 | 6 | Tris(4-nonylphenyl, branched) phosphite (TNPP) | - |

Proposed SVHC (List of 1 chemical in the draft Commission Implementing Decision proposed by European Commission, and published as Notification G/TBT/N/EU/803 on World Trade Organization (WTO) on 1 June 2021):

| No. | Chemical Substance | CAS No. | No. | Chemical Substance | CAS No. |
|---|---|---|---|---|---|
| 1 | Resorcinol | 108-46-3 | - | - | - |

∆ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.
+ = The content was calculated based on assumption of worst-case.

Notes:
Substances of very high concern (SVHC) are classified as:
(a) Carcinogenicity category 1A or 1B;
(b) Germ cell mutagenicity category 1A or 1B;
(c) Reproductive toxicity category 1A or 1B, adverse effects on sexual function and fertility or on development;
(d) Persistent, bioaccumulative and toxic (PBT)
(e) Very persistent and very bioaccumulative (vPvB)
(f) Other substances for which there is scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern, such as endocrine disrupters

REACH requirement:
As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The



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notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:
(a) Identity and contact details of the producer or importer;
(b) Registration number(s), if available;
(c) Identity of the substance;
(d) Classification of the substance(s);
(e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
(f) Tonnage range of the substance(s).
As per article 31 of regulation (EC) No 1907/2006 (REACH), suppliers of mixtures not classified as dangerous according to directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the mixtures contain at least one substance on the SVHC candidate list and its individual concentration is 0.1%(w/w) or above for non-gaseous preparations.

As per article 33(1) of regulation (EC) No 1907/2006 (REACH), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1% (w/w). A product meets the requirement of article 33(1) by default when no SVHC exceeds 0.1% (w/w).

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.

As per Court of the European Union Judgment in Case C-106/14, press release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

**Waste Framework Directive (WFD) Requirement:**
As per Article 9(1)(i) of Directive 2008/98/EC on waste (WFD, Waste Framework Directive) as amended, Member States shall take measures to ensure that any supplier of an article as defined in point 33 of Article 3 of Regulation (EC) No 1907/2006 (REACH) provides the information pursuant to Article 33(1) of Regulation (EC) No 1907/2006 (REACH) to the European Chemicals Agency (ECHA) as from 5 January 2021. Any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) on the EU market is required to submit a SCIP Notification on that article to ECHA, as from 5 January 2021.

Date sample received：Oct 29, 2024
Testing period：Oct 29, 2024 to Nov 04, 2024

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End of report





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