# TEST REPORT

| | | |
|---|---|---|
| **Report No.** | : | WTX25F10275291C |
| **Job No.** | : | SEM2510230743CJ |
| **Applicant** | : | SHUN TAI PRECISION RUBBER (Shenzhen) CO., LTD. |
| **Address** | : | 201, No.10, Laowei Industrial Area, Jun Zi Bu Community, Guanlan Street, Longhua, Shenzhen |
| **Address** | : | 201, No.10, Laowei Industrial Area, Jun Zi Bu Community, Guanlan Street, Longhua, Shenzhen |
| **Manufacturer** | : | SHUN TAI PRECISION RUBBER (Shenzhen) CO., LTD. |
| **Sample Name** | : | FKM |
| **Test Requested** | : | Refer to next page (s) |
| **Test Method** | : | Refer to next page (s) |
| **Test Conclusion** | : | Refer to next page (s) |
| **Date of Receipt Sample** | : | 2025-10-23 |
| **Testing Period** | : | 2025-10-23 to 2025-10-29 |
| **Date of Issue** | : | 2025-10-29 |
| **Test Result** | : | Refer to next page (s) |


**Prepared By:**
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Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

WTX25F10275291C

Swing Liang
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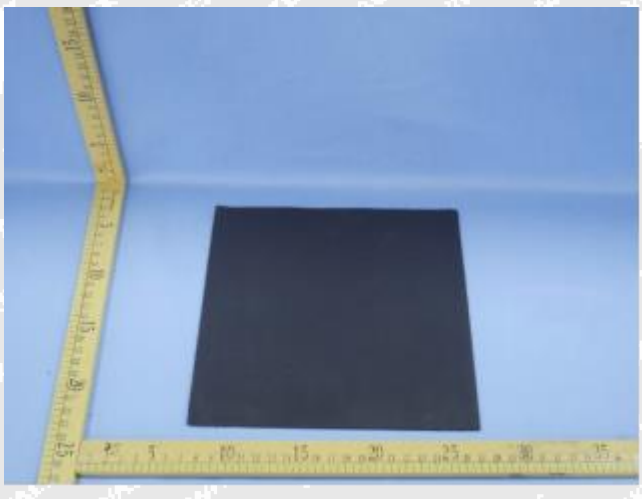
| Test Requested | Test Conclusion |
|---|---|
| 1. According to European Commission Regulation 1907/2006 (REACH Act), to test and evaluate the 250 kinds of SVHC content which have been listed in ECHA's website (latest updated on 25 June 2025): https://echa.europa.eu/candidate-list-table | **Pass△** |
| 2. According to the applicant's requirement, to determine and evaluate the 5 substances content which have been published in a public consultation launched by ECHA to identify an additional chemicals as Substances of Very High Concern (SVHCs) on 1 June 2021 & 27 June 2025 & 1 September 2025 | **Pass△** |
| 3. According to the applicant's requirement, to determine and evaluate 1 Intention SVHC, the substance list is published by the European Chemical Administration (ECHA) | **Pass△** |

Remark:

Pass△ means

According to the specified scope and analytical technique, the concentrations of the 250 Substances of SVHC, 5 kinds of public comment substances and 1 Intention SVHC less than 0.1% in the submitted samples

**Sample photo:**



**No.2**

**Test Results:**

Test Method/Equipment:

In-house method, analysis was performed by ICP-OES, ICP-MS, AAS, UV-Vis, IC, XRF, GC-ECD, GC-MS, HPLC, LC-MS/MS.

| Group No. | Substance Name | CAS NO. | Result(%,w/w) | RL(%,w/w) |
|---|---|---|---|---|
| 1 | 250 Substances of SVHC in candidate list | -- | ND | -- |
| | Other 4 kinds of public comment substances | -- | ND | -- |
| | Resorcinol | 108-46-3 | ND | 0.01 |
| | 1 Intention SVHC | -- | ND | -- |

**Test Group(s):**

1: Non-metal (No.2)

**Note:**

1. In accordance with regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:
   (a) the substance is present in those articles in quantities totalling over one tonne per producer or importer per year;
   (b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w).
2. From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (W/W) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.
3. Companies supplying articles containing substances of very high concern (SVHCs) in a concentration above 0.1% weight by weight (w/w) on the EU market must comply with the Waste Framework Directive 2008/98/EC requirement and submit SCIP notifications on these articles to ECHA, as from 5 January 2021.
4. ND=Not detected, Less than reporting limit (RL).
5. RL=Reporting Limit (Test data will be shown if it ≥ RL. RL is not regulatory limit.)

## Appendix

**The list of 250 Substances of Very High Concern**

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| The first 15 SVHC(Announced in October, 2008) | | | | |
| 1 | Anthracene | 120-12-7 | 204-371-1 | 0.01 |
| 2 | 4,4'-Diaminodiphenylmethane (MDA) | 101-77-9 | 202-974-4 | 0.01 |
| 3 | Dibutyl phthalate (DBP) | 84-74-2 | 201-557-4 | 0.01 |
| 4 | Bis (2-ethylhexyl)phthalate (DEHP) | 117-81-7 | 204-211-0 | 0.01 |
| 5 | Benzyl butyl phthalate (BBP) | 85-68-7 | 201-622-7 | 0.01 |
| 6 | Bis(tributyltin) oxide (TBTO) | 56-35-9 | 200-268-0 | 0.01 |
| 7 | 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene) | 81-15-2 | 201-329-4 | 0.01 |
| 8 | Hexabromocyclododecane (HBCDD) (and all major diastereoisomers identified) | 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8) | 247-148-4/ 221-695-9 | 0.01 |
| 9 | Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins) (SCCPs) | 85535-84-8 | 287-476-5 | 0.01 |
| 10 | Lead hydrogen arsenate | 7784-40-9 | 232-064-2 | 0.01 |
| 11 | Triethyl arsenate | 15606-95-8 | 427-700-2 | 0.01 |
| 12 | Diarsenic pentaoxide | 1303-28-2 | 215-116-9 | 0.01 |
| 13 | Diarsenic trioxide | 1327-53-3 | 215-481-4 | 0.01 |
| 14 | Cobalt dichloride | 7646-79-9 | 231-589-4 | 0.01 |
| 15 | Sodium dichromate | 7789-12-0, 10588-01-9 | 234-190-3 | 0.01 |
| The second 13 SVHC(Announced in January and March, 2010) | | | | |
| 16 | Anthracene oil | 90640-80-5 | 292-602-7 | 0.01 |
| 17 | Anthracene oil, anthracene paste, distn. lights | 91995-17-4 | 295-278-5 | 0.01 |
| 18 | Anthracene oil, anthracene paste, anthracene fraction | 91995-15-2 | 295-275-9 | 0.01 |
| 19 | Anthracene oil, anthracene-low | 90640-82-7 | 292-604-8 | 0.01 |
| 20 | Anthracene oil, anthracene paste | 90640-81-6 | 292-603-2 | 0.01 |
| 21 | Diisobutyl phthalate | 84-69-5 | 201-553-2 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 22 | 2,4-dinitrotoluene | 121-14-2 | 204-450-0 | 0.01 |
| 23 | Lead chromate | 7758-97-6 | 231-846-0 | 0.01 |
| 24 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) | 12656-85-8 | 235-759-9 | 0.01 |
| 25 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) | 1344-37-2 | 215-693-7 | 0.01 |
| 26 | Pitch, coal tar, high-temp. | 65996-93-2 | 266-028-2 | 0.01 |
| 27 | Tris(2-chloroethyl) phosphate | 115-96-8 | 204-118-5 | 0.01 |
| 28 | Acrylamide | 79-06-1 | 201-173-7 | 0.01 |
| The third 8 SVHC(Announced in June, 2010) | | | | |
| 29 | Trichloroethylene | 79-01-6 | 201-167-4 | 0.01 |
| 30 | Boric acid (EC No. 233-139-2 and EC No. 234-343-4) | 10043-35-3/ 11113-50-1 | 233-139-2 234-343-4 | 0.01 |
| 31 | Disodium tetraborate, anhydrous | 1330-43-4 12179-04-3 1303-96-4 | 215-540-4 | 0.01 |
| 32 | Tetraboron disodium heptaoxide, hydrate | 12267-73-1 | 235-541-3 | 0.01 |
| 33 | Sodium chromate | 7775-11-3 | 231-889-5 | 0.01 |
| 34 | Potassium chromate | 7789-00-6 | 232-140-5 | 0.01 |
| 35 | Ammonium dichromate | 7789-09-5 | 232-143-1 | 0.01 |
| 36 | Potassium dichromate | 7778-50-9 | 231-906-6 | 0.01 |
| The fourth 8 SVHC(Announced in December,2010) | | | | |
| 37 | Chromium trioxide | 1333-82-0 | 215-607-8 | 0.01 |
| 38 | 2-methoxyethanol | 109-86-4 | 203-713-7 | 0.01 |
| 39 | 2-ethoxyethanol | 110-80-5 | 203-804-1 | 0.01 |
| 40 | Cobalt(II) diacetate | 71-48-7 | 200-755-8 | 0.01 |
| 41 | Cobalt(II) carbonate | 513-79-1 | 208-169-4 | 0.01 |
| 42 | Cobalt(II) dinitrate | 10141-05-6 | 233-402-1 | 0.01 |
| 43 | Cobalt(II) sulphate | 10124-43-3 | 233-334-2 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 44 | Acids generated from chromium trioxideand their oligomers:<br>Chromic acid,<br>Dichromic acid,<br>Oligomers of chromic acid and dichromic acid | 7738-94-5<br>13530-68-2 | 231-801-5<br>236-881-5 | 0.01 |
| The fifth 7 SVHC(Announced in June, 2011) | | | | |
| 45 | 2-ethoxyethyl acetate | 111-15-9 | 203-839-2 | 0.01 |
| 46 | Strontium chromate | 7789-06-2 | 232-142-6 | 0.01 |
| 47 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 68515-42-4 | 271-084-6 | 0.01 |
| 48 | Hydrazine | 7803-57-8<br>302-01-2 | 206-114-9 | 0.01 |
| 49 | 1-Methyl-2-pyrrolidone (NMP) | 872-50-4 | 212-828-1 | 0.01 |
| 50 | 1,2,3-trichloropropane | 96-18-4 | 202-486-1 | 0.01 |
| 51 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich(DIHP) | 71888-89-6 | 276-158-1 | 0.01 |
| The sixth 20 SVHC(Announced in December, 2011) | | | | |
| 52 | Aluminosilicate Refractory Ceramic Fibres | — | 650-017-00-8 | 0.01 |
| 53 | Zirconia Aluminosilicate Refractory Ceramic Fibres | — | 650-017-00-8 | 0.01 |
| 54 | Dichromium tris(chromate) | 24613-89-6 | 246-356-2 | 0.01 |
| 55 | Potassium hydroxyoctaoxodizincatedichromate | 11103-86-9 | 234-329-8 | 0.01 |
| 56 | Pentazinc chromate octahydroxide | 49663-84-5 | 256-418-0 | 0.01 |
| 57 | Formaldehyde, oligomeric reaction products with aniline | 25214-70-4 | 500-036-1 | 0.01 |
| 58 | Bis(2-methoxyethyl) phthalate | 117-82-8 | 204-212-6 | 0.01 |
| 59 | 2-Methoxyaniline, o-Anisidine | 90-04-0 | 201-963-1 | 0.01 |
| 60 | 4-(1,1,3,3-tetramethylbutyl)phenol | 140-66-9 | 205-426-2 | 0.01 |
| 61 | 1,2-dichloroethane | 107-06-2 | 203-458-1 | 0.01 |
| 62 | Bis(2-methoxyethyl) ether | 111-96-6 | 203-924-4 | 0.01 |
| 63 | Arsenic acid | 7778-39-4 | 231-901-9 | 0.01 |
| 64 | Calcium arsenate | 7778-44-1 | 231-904-5 | 0.01 |
| 65 | Trilead diarsenate | 3687-31-8 | 222-979-5 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 66 | N,N-dimethylacetamide | 127-19-5 | 204-826-4 | 0.01 |
| 67 | Phenolphthalein | 77-09-8 | 201-004-7 | 0.01 |
| 68 | 2,2'-dichloro-4,4'-methylenedianiline | 101-14-4 | 202-918-9 | 0.01 |
| 69 | Lead diazide, Lead azide | 13424-46-9 | 236-542-1 | 0.01 |
| 70 | Lead styphnate | 15245-44-0 | 239-290-0 | 0.01 |
| 71 | Lead dipicrate | 6477-64-1 | 229-335-2 | 0.01 |
| The seventh 13 SVHC(Announced in June, 2012) | | | | |
| 72 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 112-49-2 | 203-977-3 | 0.01 |
| 73 | 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 203-794-9 | 0.01 |
| 74 | Diboron trioxide | 1303-86-2 | 215-125-8 | 0.01 |
| 75 | Formamide | 75-12-7 | 200-842-0 | 0.01 |
| 76 | Lead(II) bis(methanesulfonate) | 17570-76-2 | 401-750-5 | 0.01 |
| 77 | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) | 2451-62-9 | 219-514-3 | 0.01 |
| 78 | 1,3,5-tris[(2S and 2R)-2, 3-epoxypropyl]-1, 3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC) | 59653-74-6 | 423-400-0 | 0.01 |
| 79 | 4,4'-bis(dimethylamino)benzophenone (Michler’s ketone) | 90-94-8 | 202-027-5 | 0.01 |
| 80 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler’s base) | 101-61-1 | 202-959-2 | 0.01 |
| 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 | 208-953-6 | 0.01 |
| 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 | 219-943-6 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 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. 202-959-2)) | 6786-83-0 | 229-851-8 | 0.01 |
| 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 | 209-218-2 | 0.01 |
| The eighth 54 SVHC(Announced in December, 2012) | | | | |
| 85 | Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) | 1163-19-5 | 214-604-9 | 0.01 |
| 86 | Pentacosafluorotridecanoic acid | 72629-94-8 | 276-745-2 | 0.01 |
| 87 | Tricosafluorododecanoic acid | 307-55-1 | 206-203-2 | 0.01 |
| 88 | Henicosafluoroundecanoic acid | 2058-94-8 | 218-165-4 | 0.01 |
| 89 | Heptacosafluorotetradecanoic acid | 376-06-7 | 206-803-4 | 0.01 |
| 90 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (covering well-defined substances and UVCB substances, polymers and homologues) | -- | -- | 0.01 |
| 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) | -- | -- | 0.01 |
| 92 | Diazene-1,2-dicarboxamide(C,C'-azodi(formamide)) (ADCA) | 123-77-3 | 204-650-8 | 0.01 |
| 93 | Cyclohexane-1,2-dicarboxylic anhydride (all possible combinations of the cis- and trans-isomers) | 85-42-7, 14166-21-3, 13149-00-3 | 201-604-9, 238-009-9, 236-086-3 | 0.01 |
| 94 | Hexahydromethylphthalic anhydride (including cis- and trans- stereo isomeric forms and all possible combinations of the isomers) | 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 | 247-094-1, 243-072-0, 256-356-4, 260-566-1 | 0.01 |
| 95 | Methoxyacetic acid | 625-45-6 | 210-894-6 | 0.01 |
| 96 | 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear | 84777-06-0 | 284-032-2 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 97 | Diisopentyl phthalate | 605-50-5 | 210-088-4 | 0.01 |
| 98 | n-pentyl-isopentyl phthalate | 776297-69-9 | -- | 0.01 |
| 99 | 1,2-diethoxyethane | 629-14-1 | 211-076-1 | 0.01 |
| 100 | N,N-dimethylformamide | 68-12-2 | 200-679-5 | 0.01 |
| 101 | Dibutyltin dichloride (DBTC) | 683-18-1 | 211-670-0 | 0.01 |
| 102 | Acetic acid, lead salt, basic | 51404-69-4 | 257-175-3 | 0.01 |
| 103 | Trilead bis(carbonate) dihydroxide | 1319-46-6 | 215-290-6 | 0.01 |
| 104 | Lead oxide sulfate | 12036-76-9 | 234-853-7 | 0.01 |
| 105 | [Phthalato(2-)]dioxotrilead | 69011-06-9 | 273-688-5 | 0.01 |
| 106 | Dioxobis(stearato)trilead | 12578-12-0 | 235-702-8 | 0.01 |
| 107 | Fatty acids, C16-18, lead salts | 91031-62-8 | 292-966-7 | 0.01 |
| 108 | Lead bis(tetrafluoroborate) | 13814-96-5 | 237-486-0 | 0.01 |
| 109 | Lead cyanamidate | 20837-86-9 | 244-073-9 | 0.01 |
| 110 | Lead dinitrate | 10099-74-8 | 233-245-9 | 0.01 |
| 111 | Lead monoxide (lead oxide) | 1317-36-8 | 215-267-0 | 0.01 |
| 112 | Orange lead (lead tetroxide) | 1314-41-6 | 215-235-6 | 0.01 |
| 113 | Lead titanium trioxide | 12060-00-3 | 235-038-9 | 0.01 |
| 114 | Lead titanium zirconium oxide | 12626-81-2 | 235-727-4 | 0.01 |
| 115 | Pentalead tetraoxide sulphate | 12065-90-6 | 235-067-7 | 0.01 |
| 116 | Pyrochlore, antimony lead yellow | 8012-00-8 | 232-382-1 | 0.01 |
| 117 | Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped | 68784-75-8 | 272-271-5 | 0.01 |
| 118 | Silicic acid, lead salt | 11120-22-2 | 234-363-3 | 0.01 |
| 119 | Sulfurous acid, lead salt, dibasic | 62229-08-7 | 263-467-1 | 0.01 |
| 120 | Tetraethyllead | 78-00-2 | 201-075-4 | 0.01 |
| 121 | Tetralead trioxide sulphate | 12202-17-4 | 235-380-9 | 0.01 |
| 122 | Trilead dioxide phosphonate | 12141-20-7 | 235-252-2 | 0.01 |
| 123 | Furan | 110-00-9 | 203-727-3 | 0.01 |
| 124 | Methyloxirane (Propylene oxide) | 75-56-9 | 200-879-2 | 0.01 |
| 125 | Diethyl sulphate | 64-67-5 | 200-589-6 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 126 | Dimethyl sulphate | 77-78-1 | 201-058-1 | 0.01 |
| 127 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine (ZOLDINE MS-PLUS) | 143860-04-2 | 421-150-7 | 0.01 |
| 128 | Dinoseb (6-sec-butyl-2,4-dinitrophenol) | 88-85-7 | 201-861-7 | 0.01 |
| 129 | 4,4'-methylenedi-o-toluidine | 838-88-0 | 212-658-8 | 0.01 |
| 130 | 4,4'-oxydianiline and its salts | 101-80-4 | 202-977-0 | 0.01 |
| 131 | 4-aminoazobenzene | 60-09-3 | 200-453-6 | 0.01 |
| 132 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | 95-80-7 | 202-453-1 | 0.01 |
| 133 | 6-methoxy-m-toluidine (p-cresidine) | 120-71-8 | 204-419-1 | 0.01 |
| 134 | Biphenyl-4-ylamine | 92-67-1 | 202-177-1 | 0.01 |
| 135 | o-aminoazotoluene | 97-56-3 | 202-591-2 | 0.01 |
| 136 | o-toluidine | 95-53-4 | 202-429-0 | 0.01 |
| 137 | N-methylacetamide | 79-16-3 | 201-182-6 | 0.01 |
| 138 | 1-bromopropane (n-propyl bromide) | 106-94-5 | 203-445-0 | 0.01 |
| The ninth 6 SVHC(Announced in June, 2013) | | | | |
| 139 | Cadmium (Cd) | 7440-43-9 | 231-152-8 | 0.01 |
| 140 | Cadmium oxide | 1306-19-0 | 215-146-2 | 0.01 |
| 141 | Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 223-320-4 | 0.01 |
| 142 | Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 206-397-9 | 0.01 |
| 143 | Dipentyl phthalate (DPP) | 131-18-0 | 205-017-9 | 0.01 |
| 144 | 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) | -- | -- | 0.01 |
| The tenth 7 SVHC(Announced in December, 2013) | | | | |
| 145 | Cadmium sulphide | 1306-23-6 | 215-147-8 | 0.01 |
| 146 | Dihexyl phthalate | 84-75-3 | 201-559-5 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 147 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) | 573-58-0 | 209-358-4 | 0.01 |
| 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) | 1937-37-7 | 217-710-3 | 0.01 |
| 149 | Imidazolidine-2-thione (2-imidazoline-2-thiol) | 96-45-7 | 202-506-9 | 0.01 |
| 150 | Lead di(acetate) | 301-04-2 | 206-104-4 | 0.01 |
| 151 | Trixylyl phosphate | 25155-23-1 | 246-677-8 | 0.01 |
| The eleventh 4 SVHC(Announced in June, 2014) | | | | |
| 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 68515-50-4 | 271-093-5 | 0.01 |
| 153 | Cadmium chloride | 10108-64-2 | 233-296-7 | 0.01 |
| 154 | Sodium perborate, perboric acid, sodium salt | -- | 239-172-9, 234-390-0 | 0.01 |
| 155 | Sodium peroxometaborate | 7632-04-4 | 231-556-4 | 0.01 |
| The twelfth 6 SVHC(Announced in December, 2014) | | | | |
| 156 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 247-384-8 | 0.01 |
| 157 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 223-346-6 | 0.01 |
| 158 | Cadmium fluoride | 7790-79-6 | 232-222-0 | 0.01 |
| 159 | Cadmium sulphate | 10124-36-4; 31119-53-6 | 233-331-6 | 0.01 |
| 160 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 15571-58-1 | 239-622-4 | 0.01 |
| 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) | -- | -- | 0.01 |
| The thirteenth 2 SVHC(Announced in June, 2015) | | | | |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 162 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters(with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)) | 68515-51-5<br>68648-93-1 | 271-094-0<br>272-013-1 | 0.01 |
| 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 stereoisomers of [1] and [2] or any combination thereof) | -- | -- | 0.01 |
| The fourteenth 5 SVHC(Announced in December, 2015) | | | | |
| 164 | Nitrobenzene | 98-95-3 | 202-716-0 | 0.01 |
| 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 3864-99-1 | 223-383-8 | 0.01 |
| 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350) | 36437-37-3 | 253-037-1 | 0.01 |
| 167 | 1,3-propanesultone | 1120-71-4 | 214-317-9 | 0.01 |
| 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts | 375-95-1<br>21049-39-8<br>4149-60-4 | 206-801-3 | 0.01 |
| The fifteenth 1 SVHC(Announced in June, 2016) | | | | |
| 169 | Benzo[def]chrysene (Benzo[a]pyrene) | 50-32-8 | 200-028-5 | 0.01 |
| The sixteenth 4 SVHC(Announced in January, 2017) | | | | |
| 170 | 4,4'-isopropylidenediphenol(Bisphenol A; BPA) | 80-05-7 | 201-245-8 | 0.01 |
| 171 | 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) | -- | -- | 0.01 |
| 172 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 3108-42-7<br>335-76-2<br>3830-45-3 | --<br>206-400-3<br>221-470-5 | 0.01 |
| 173 | p-(1,1-dimethylpropyl)phenol | 80-46-6 | 201-280-9 | 0.01 |
| The seventeenth 1 SVHC(Announced in July, 2017) | | | | |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 174 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS) | -- | -- | 0.01 |
| The eighteenth 7 SVHC(Announced in January, 2018) | | | | |
| 175 | 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) | -- | -- | 0.01 |
| 176 | Benz[a]anthracene | 56-55-3, 1718-53-2 | 200-280-6 | 0.01 |
| 177 | Cadmium nitrate | 10022-68-1, 10325-94-7 | 233-710-6 | 0.01 |
| 178 | Cadmium carbonate | 513-78-0 | 208-168-9 | 0.01 |
| 179 | Cadmium hydroxide | 21041-95-2 | 244-168-5 | 0.01 |
| 180 | Chrysene | 218-01-9 | 205-923-4 | 0.01 |
| 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 (4-HPbl)) | -- | -- | 0.01 |
| The nineteenth 10 SVHC(Announced in June, 2018)) | | | | |
| 182 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (trimellitic anhydride; TMA) | 552-30-7 | 209-008-0 | 0.01 |
| 183 | Benzo[ghi]perylene | 191-24-2 | 205-883-8 | 0.01 |
| 184 | Decamethylcyclopentasiloxane (D5) | 541-02-6 | 208-764-9 | 0.01 |
| 185 | Dicyclohexyl phthalate (DCHP) | 84-61-7 | 201-545-9 | 0.01 |
| 186 | Disodium octaborate | 12008-41-2 | 234-541-0 | 0.01 |
| 187 | Dodecamethylcyclohexasiloxane (D6) | 540-97-6 | 208-762-8 | 0.01 |
| 188 | Ethylenediamine（EDA） | 107-15-3 | 203-468-6 | 0.01 |
| 189 | Lead (Pb) | 7439-92-1 | 231-100-4 | 0.01 |
| 190 | Octamethylcyclotetrasiloxane (D4) | 556-67-2 | 209-136-7 | 0.01 |
| 191 | Terphenyl, hydrogenated | 61788-32-7 | 262-967-7 | 0.01 |
| The twentieth 6 SVHC(Announced in January, 2019) | | | | |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 192 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one(3-benzylidene camphor; 3-BC) | 15087-24-8 | 239-139-9 | 0.01 |
| 193 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane(AP-5) | 6807-17-6 | 401-720-1 | 0.01 |
| 194 | Benzo[k]fluoranthene | 207-08-9 | 205-916-6 | 0.01 |
| 195 | Fluoranthene | 206-44-0, 93951-69-0 | 205-912-4 | 0.01 |
| 196 | Phenanthrene | 85-01-8 | 201-581-5 | 0.01 |
| 197 | Pyrene | 129-00-0, 1718-52-1 | 204-927-3 | 0.01 |
| The twenty-first 4 SVHC(Announced in July, 2019) | | | | |
| 198 | Tris(4-nonylphenyl, branched and linear) phosphite）(TNPP) | -- | -- | 0.01 |
| 199 | 4-tert-butylphenol(PTBP) | 98-54-4 | 202-679-0 | 0.01 |
| 200 | 2-methoxyethyl acetate | 110-49-6 | 203-772-9 | 0.01 |
| 201 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof | -- | -- | 0.01 |
| The twenty-second 4 SVHC(Announced in January , 2020) | | | | |
| 202 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone(CG 25-369; IRGACURE 369; TK 11-319) | 119313-12-1 | 404-360-3 | 0.01 |
| 203 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one(ACETOCURE 97; GENOCUREPMP; IGM 4817; IRGACURE 907; SPEEDCURE 97) | 71868-10-5 | 400-600-6 | 0.01 |
| 204 | Diisohexyl phthalate | 71850-09-4 | 276-090-2 | 0.01 |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts | -- | -- | 0.01 |
| The twenty-third 4 SVHC(Announced in June , 2020) | | | | |
| 206 | 1-vinylimidazole | 1072-63-5 | 214-012-0 | 0.01 |
| 207 | 2-methylimidazole | 693-98-1 | 211-765-7 | 0.01 |
| 208 | Butyl 4-hydroxybenzoate | 94-26-8 | 202-318-7 | 0.01 |
| 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin | 22673-19-4 | 245-152-0 | 0.01 |
| The twenty-fourth 2 SVHC(Announced in January , 2021) | | | | |
| 210 | Bis(2-(2-methoxyethoxy)ethyl)ether | 143-24-8 | 205-594-7 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 211 | Dioctyltin dilaurate, 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 | -- | -- | 0.01 |
| The twenty-fifth 8 SVHC(Announced in July , 2021) | | | | |
| 212 | 1,4-dioxane | 123-91-1 | 204-661-8 | 0.01 |
| 213 | 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) | 3296-90-0<br>36483-57-5<br>1522-92-5<br>96-13-9 | 221-967-7<br>253-057-0<br>202-480-9 | 0.01 |
| 214 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers | -- | -- | 0.01 |
| 215 | 4,4'-(1-methylpropylidene)bisphenol | 77-40-7 | 201-025-1 | 0.01 |
| 216 | Glutaral | 111-30-8 | 203-856-5 | 0.01 |
| 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 | -- | -- | 0.01 |
| 218 | Orthoboric acid, sodium salt | 13840-56-7 | 237-560-2 | 0.01 |
| 219 | Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) | -- | -- | 0.01 |
| The twenty-sixth 4 SVHC(Announced in January, 2022) | | | | |
| 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) | -- | -- | 0.01 |
| 221 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol | 119-47-1 | 204-327-1 | 0.01 |
| 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) phosphorodithioate | 255881-94-8 | 401-850-9 | 0.01 |
| 223 | Tris(2-methoxyethoxy)vinylsilane | 1067-53-4 | 213-934-0 | 0.01 |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| The twenty-seventh 1 SVHC(Announced in June, 2022) | | | | |
| 224 | N-(hydroxymethyl)acrylamide | 924-42-5 | 213-103-2 | 0.01 |
| The twenty-eighth 9 SVHC(Announced in January, 2023) | | | | |
| 225 | 1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] | 37853-59-1 | 253-692-3 | 0.01 |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol | 79-94-7 | 201-236-9 | 0.01 |
| 227 | 4,4'-sulphonyldiphenol | 80-09-1 | 201-250-5 | 0.01 |
| 228 | Barium diboron tetraoxide | 13701-59-2 | 237-222-4 | 0.01 |
| 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof | -- | -- | 0.01 |
| 230 | Isobutyl 4-hydroxybenzoate | 4247-02-3 | 224-208-8 | 0.01 |
| 231 | Melamine | 108-78-1 | 203-615-4 | 0.01 |
| 232 | Perfluoroheptanoic acid and its salts | -- | -- | 0.01 |
| 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 | -- | 473-390-7 | 0.01 |
| The twenty-ninth 2 SVHC(Announced in June, 2023) | | | | |
| 234 | Bis(4-chlorophenyl) sulphone | 80-07-9 | 201-247-9 | 0.01 |
| 235 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 75980-60-8 | 278-355-8 | 0.01 |
| The thirty 5 SVHC(Announced in Jan, 2024) | | | | |
| 236 | Bumetrizole | 3896-11-5 | 223-445-4 | 0.01 |
| 237 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol | 3147-75-9 | 221-573-5 | 0.01 |
| 238 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one | 119344-86-4 | 438-340-0 | 0.01 |
| 239 | 2,4,6-tri-tert-butylphenol | 732-26-3 | 211-989-5 | 0.01 |
| 240 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol | -- | 700-960-7 | 0.01 |
| The thirty-first 1 SVHC(Announced in June, 2024) | | | | |

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 241 | Bis(α, α-dimethylbenzyl) peroxide | 80-43-3 | 201-279-3 | 0.01 |
| The thirty-second 1 SVHC(Announced in November, 2024) | | | | |
| 242 | Triphenyl phosphate | 115-86-6 | 204-112-2 | 0.01 |
| The thirty-third 5 SVHC(Announced in January, 2025) | | | | |
| 243 | Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives | 192268-65-8 | 421-820-9 | 0.01 |
| 244 | Perfluamine | 338-83-0 | 206-420-2 | 0.01 |
| 245 | Octamethyltrisiloxane | 107-51-7 | 203-497-4 | 0.01 |
| 246 | O,O,O-triphenyl phosphorothioate | 597-82-0 | 209-909-9 | 0.01 |
| 247 | 6-[(C10-C13)-alkyl-(branched,unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid | 2156592-54-8 | 701-118-1 | 0.01 |
| The thirty-fourth 3 SVHC(Announced in June, 2025) | | | | |
| 248 | 1,1,1,35,55-heptamethyl-3-[(trimethylsilyl)oxy] trisiloxane | 17928-28-8 | 241-867-7 | 0.01 |
| 249 | Decamethvltetrasiloxane | 141-62-8 | 205-491-7 | 0.01 |
| 250 | Tetra(sodium/potassium)7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-({2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalenetrisulfonate(Reactive Brown 51) | -- | 466-490-7 | 0.01 |

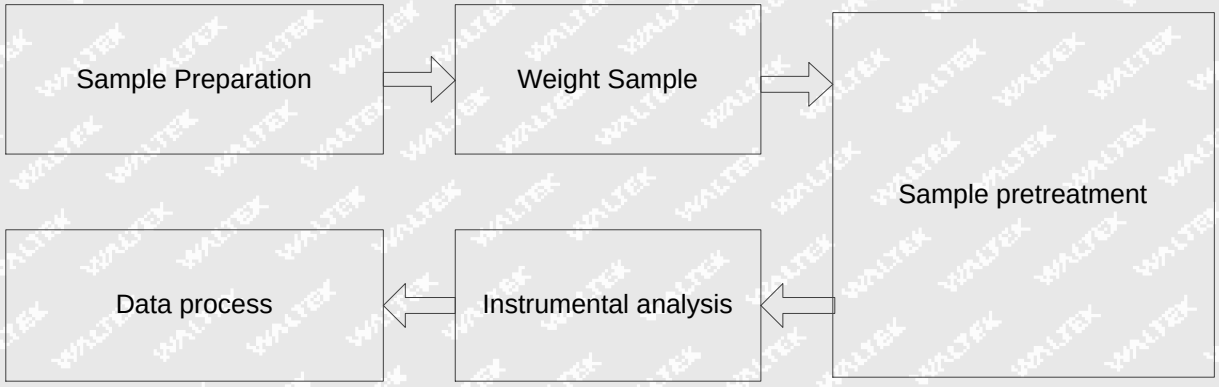
**The specified substances to be included in the candidate list of SVHC on ECHA's draft recommendation**

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 1 | Resorcinol | 108-46-3 | 203-585-2 | 0.01 |
| 2 | 1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE) | 84852-53-9 | 284-366-9 | 0.01 |
| 3 | N-hexane | 110-54-3 | 203-777-6 | 0.01 |
| 4 | 4,4'-methylenediphenol(bisphenol F, BPF) | 620-92-8 | 210-658-2 | 0.01 |
| 5 | 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene] diphenol(BPAF) and its salts | -- | -- | 0.01 |

**1 Intention SVHC to be included in the list of Registry of SVHC intentions until outcome**

| Seq. | Substance Name | CAS No. | EC No. | RL (%,w/w) |
|---|---|---|---|---|
| 1 | Dodecamethyl pentasiloxane | 141-63-9 | 205-492-2 | 0.01 |

**Testing Flow chart:**




**Specimen Description:**

| Specimen ID | Specimen No. | Specimen Description |
|---|---|---|
| SEM2510230743CJ. 2 | 2 | Black soft plastic sheet |

Remarks:

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====== End of Report ======