



Test Report (SVHC)

No. CANEC2201614603

Date: 07 Feb 2022 Page: 1 of 22

Client Name : SINWA LASER TECHNOLOGY CO.,LTD

Client Address : 50.WU KONG 5 TH RD.,WU KU INDUSTRIAL PARK .TAIPEI TAIWAN

Sample Name : INK BLACK FOR WIRE &CABLE PRINTING

Model No. : I-TPE-02

Client Ref. Info. : I-PE-02;I-PVC-02 ; I-PP-02; I-PU-02; I-RU-02; I-TPR-02;I-PPE-02

The above sample(s) and information were provided by the client.

SGS Job No. : CP22-003951 - SZ

Date of Sample Received : 25 Jan 2022

Testing Period : 25 Jan 2022 - 07 Feb 2022

Test Requested : As requested by client, SVHC screening is performed according to:

(i) Two hundred and twenty-three (223) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 17, 2022 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Results : Please refer to next page(s).

Summary :

According to the specified scope and evaluation screening, the test results of SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.	PASS
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Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Annie Ren

Annie Ren

Approved Signatory

scan to see the report



9D64F2BC



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Guangzhou Branch Testing Center: Chemical Laboratory.

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Remark :

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
<http://echa.europa.eu/web/guest/candidate-list-table>

These lists are under evaluation by ECHA and may subject to change in the future.

2. REACH obligation:

2.1 Concerning article(s):

Communication:

Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

Notification:

In accordance with Regulation (EC) No 1907/2006, any EU 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) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

SGS adopts the ruling of the Court of Justice of the European Union on the definition of an article under REACH unless indicated otherwise. Detail explanation is available at the following link:

<http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svhc-in-articles-a4-en-16-06.pdf?la=en>

2.2 Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

2.3 Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety



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Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
 - (a) a substance posing human health or environmental hazards in an individual concentration of $\geq 1\%$ by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or $\geq 0.2\%$ by volume for gaseous mixtures; or
 - (b) a substance that is PBT, or vPvB in an individual concentration of $\geq 0.1\%$ by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
 - (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of $\geq 0.1\%$ by weight for non-gaseous mixtures; or
 - (d) a substance for which there are Europe-wide workplace exposure limits.

3. If a SVHC is found over the reporting limit, client is suggested to identify the composite component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample :

Sample Description :

Specimen No.	SGS Sample ID	Description	Number of SVHC Tested
SN1	CAN22-016146.003	Black liquid	4
SN2	CAN22-016146.006	Black ink	219

Test Method :

SGS In-House method- SGS-CCL-TOP-092-01, SGS-CCL-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.



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Test Result: (Substances in the Candidate List of SVHC)

Batch	Substance Name	CAS No.	003 Concentration (%)	RL (%)
-	All tested SVHC in candidate list	-	ND	-

Test Result: (Substances in the Candidate List of SVHC)

Batch	Substance Name	CAS No.	006 Concentration (%)	RL (%)
-	All tested SVHC in candidate list	-	ND	-



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Notes :

1. The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.
2. RL = Reporting Limit (Test data will be shown if it $\geq$ RL. RL is not regulatory limit.) ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
3. * The test result is based on the calculation of selected element(s) and to the worst-case scenario.
- ** The test result is based on the calculation of selected marker(s) and to the worst-case scenario.
4. RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, cadmium, titanium, barium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)).
5. Calculated concentration of boric compounds are based on the total boron by ICP-OES.
6. § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) $\geq 0.1\%$ (w/w).
7. Results & photo(s) of 006 in this report refer to 003 of test report CANEC2108349806.
8. The result(s) shown is/are of the total weight of dried sample.
9. The reported result is for reference only.



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
I	1	4,4' -Diaminodiphenylmethane(MDA)	101-77-9	0.050	006
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.050	006
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.050	006
I	4	Anthracene	120-12-7	0.050	006
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.050	006
I	6	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050	006
I	7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.050	006
I	8	Cobalt dichloride*	7646-79-9	0.005	006
I	9	Diarsenic pentaoxide*	1303-28-2	0.005	006
I	10	Diarsenic trioxide*	1327-53-3	0.005	006
I	11	Dibutyl phthalate (DBP)	84-74-2	0.050	006
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	-	0.050	006
I	13	Lead hydrogen arsenate*	7784-40-9	0.005	006
I	14	Sodium dichromate*	7789-12-0, 10588-01-9	0.005	006
I	15	Triethyl arsenate*	15606-95-8	0.005	006
II	16	2,4-Dinitrotoluene	121-14-2	0.050	006
II	17	Acrylamide	79-06-1	0.050	006
II	18	Anthracene oil**	90640-80-5	0.050	006
II	19	Anthracene oil, anthracene paste**	90640-81-6	0.050	006



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Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
II	20	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.050	006
II	21	Anthracene oil, anthracene paste, distn. lights**	91995-17-4	0.050	006
II	22	Anthracene oil, anthracene-low**	90640-82-7	0.050	006
II	23	Diisobutyl phthalate	84-69-5	0.050	006
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.005	006
II	25	Lead chromate*	7758-97-6	0.005	006
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.005	006
II	27	Pitch, coal tar, high temp.**	65996-93-2	0.050	006
II	28	Tris(2-chloroethyl)phosphate	115-96-8	0.050	006
III	29	Ammonium dichromate*	7789-09-5	0.005	006
III	30	Boric acid*	-	0.005	006
III	31	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	0.005	006
III	32	Potassium chromate*	7789-00-6	0.005	006
III	33	Potassium dichromate*	7778-50-9	0.005	006
III	34	Sodium chromate*	7775-11-3	0.005	006
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.005	006
III	36	Trichloroethylene	79-01-6	0.050	006
IV	37	2-Ethoxyethanol	110-80-5	0.050	006
IV	38	2-Methoxyethanol	109-86-4	0.050	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	-	0.005	006
IV	40	Chromium trioxide*	1333-82-0	0.005	006
IV	41	Cobalt(II) carbonate*	513-79-1	0.005	006
IV	42	Cobalt(II) diacetate*	71-48-7	0.005	006
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.005	006
IV	44	Cobalt(II) sulphate*	10124-43-3	0.005	006
V	45	1,2,3-trichloropropane	96-18-4	0.050	006
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.050	006
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.050	006
V	48	1-methyl-2-pyrrolidone	872-50-4	0.050	006
V	49	2-ethoxyethyl acetate	111-15-9	0.050	006
V	50	Hydrazine	7803-57-8, 302-01-2	0.050	006
V	51	Strontium chromate*	7789-06-2	0.005	006
VI	52	1,2-Dichloroethane	107-06-2	0.050	006
VI	53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.050	006
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.050	006
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.050	006
VI	56	Aluminosilicate Refractory Ceramic Fibres *	-	0.005	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
VI	57	Arsenic acid*	7778-39-4	0.005	006
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.050	006
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.050	006
VI	60	Calcium arsenate*	7778-44-1	0.005	006
VI	61	Dichromium tris(chromate) *	24613-89-6	0.005	006
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.050	006
VI	63	Lead diazide, Lead azide*	13424-46-9	0.005	006
VI	64	Lead dipicrate*	6477-64-1	0.005	006
VI	65	Lead styphnate*	15245-44-0	0.005	006
VI	66	N,N-dimethylacetamide	127-19-5	0.050	006
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.005	006
VI	68	Phenolphthalein	77-09-8	0.050	006
VI	69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.005	006
VI	70	Trilead diarsenate*	3687-31-8	0.005	006
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.005	006
VII	72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)§	2580-56-5	0.050	006
VII	73	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)§	548-62-9	0.050	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.050	006
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.050	006
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.050	006
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§	561-41-1	0.050	006
VII	78	Diboron trioxide*	1303-86-2	0.005	006
VII	79	Formamide	75-12-7	0.050	006
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.005	006
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.050	006
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.050	006
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.050	006
VII	84	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	0.050	006
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.005	006
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050	006
VIII	87	1,2-Diethoxyethane	629-14-1	0.050	006
VIII	88	1-Bromopropane	106-94-5	0.050	006
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.050	006
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.050	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.050	006
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.050	006
VIII	93	4-Aminoazobenzene	60-09-3	0.050	006
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.050	006
VIII	95	4-Nonylphenol, branched and linear	-	0.050	006
VIII	96	6-Methoxy-m-toluidine	120-71-8	0.050	006
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	0.005	006
VIII	98	Biphenyl-4-ylamine	92-67-1	0.050	006
VIII	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.050	006
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	-	0.050	006
VIII	101	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.050	006
VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.050	006
VIII	103	Diethyl sulphate	64-67-5	0.050	006
VIII	104	Diisopentylphthalate	605-50-5	0.050	006
VIII	105	Dimethyl sulphate	77-78-1	0.050	006
VIII	106	Dinoseb	88-85-7	0.050	006
VIII	107	Dioxobis(stearato)trilead*	12578-12-0	0.005	006
VIII	108	Fatty acids, C16-18, lead salts*	91031-62-8	0.005	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
VIII	109	Furan	110-00-9	0.050	006
VIII	110	Henicosafluoroundecanoic acid	2058-94-8	0.050	006
VIII	111	Heptacosafuorotetradecanoic acid	376-06-7	0.050	006
VIII	112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	-	0.050	006
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	0.005	006
VIII	114	Lead cyanamidate*	20837-86-9	0.005	006
VIII	115	Lead dinitrate*	10099-74-8	0.005	006
VIII	116	Lead monoxide*	1317-36-8	0.005	006
VIII	117	Lead oxide sulfate*	12036-76-9	0.005	006
VIII	118	Lead tetroxide (orange lead)*	1314-41-6	0.005	006
VIII	119	Lead titanium trioxide*	12060-00-3	0.005	006
VIII	120	Lead titanium zirconium oxide*	12626-81-2	0.005	006
VIII	121	Methoxyacetic acid	625-45-6	0.050	006
VIII	122	Methyloxirane (Propylene oxide)	75-56-9	0.050	006
VIII	123	N,N-dimethylformamide	68-12-2	0.050	006
VIII	124	N-Methylacetamide	79-16-3	0.050	006
VIII	125	N-Pentyl-isopentylphthalate	776297-69-9	0.050	006
VIII	126	o-Aminoazotoluene	97-56-3	0.050	006
VIII	127	o-Toluidine	95-53-4	0.050	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
VIII	128	Pentacosafuorotridecanoic acid	72629-94-8	0.050	006
VIII	129	Pentalead tetraoxide sulphate*	12065-90-6	0.005	006
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	0.005	006
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	0.005	006
VIII	132	Silicic acid, lead salt*	11120-22-2	0.005	006
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.005	006
VIII	134	Tetraethyllead*	78-00-2	0.005	006
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.005	006
VIII	136	Tricosafuorododecanoic acid	307-55-1	0.050	006
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.005	006
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.005	006
IX	139	4-Nonylphenol, branched and linear, ethoxylated	-	0.050	006
IX	140	Ammonium pentadecafluorooctanoate (APFO)**	3825-26-1	0.050	006
IX	141	Cadmium oxide*	1306-19-0	0.005	006
IX	142	Cadmium	7440-43-9	0.005	006
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.050	006
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.050	006
X	145	Cadmium sulphide*	1306-23-6	0.005	006
X	146	Dihexyl phthalate	84-75-3	0.050	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
X	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.050	006
X	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	0.050	006
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.050	006
X	150	Lead di(acetate)*	301-04-2	0.005	006
X	151	Trixylyl phosphate	25155-23-1	0.050	006
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.050	006
XI	153	Cadmium chloride*	10108-64-2	0.005	006
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.005	006
XI	155	Sodium peroxometaborate*	7632-04-4	0.005	006
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.050	006
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.050	006
XII	158	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1	0.050	006
XII	159	Cadmium fluoride*	7790-79-6	0.005	006
XII	160	Cadmium sulphate*	10124-36-4, 31119-53-6	0.005	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 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 & MOTE)	-	0.050	006
XIII	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	-	0.050	006
XIII	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]	-	0.050	006
XIV	164	1,3-propanesultone	1120-71-4	0.050	006
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.050	006
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.050	006
XIV	167	Nitrobenzene	98-95-3	0.050	006
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	0.050	006
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.050	006
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.050	006
XVI	171	4-Heptylphenol, branched and linear	-	0.050	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	0.050	006
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.050	006
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	-	0.050	006
XVIII	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" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.050	006
XVIII	176	Benz[a]anthracene	56-55-3	0.050	006
XVIII	177	Cadmium nitrate*	10325-94-7	0.005	006
XVIII	178	Cadmium carbonate*	513-78-0	0.005	006
XVIII	179	Cadmium hydroxide*	21041-95-2	0.005	006
XVIII	180	Chrysene	218-01-9	0.050	006
XVIII	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]	-	0.050	006
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride)	552-30-7	0.050	006
XIX	183	Benzo[ghi]perylene	191-24-2	0.050	006
XIX	184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.050	006
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.050	006
XIX	186	Disodium octaborate*	12008-41-2	0.005	006
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050	006



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
XIX	188	Ethylenediamine	107-15-3	0.050	006
XIX	189	Lead	7439-92-1	0.005	006
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.050	006
XIX	191	Terphenyl hydrogenated	61788-32-7	0.050	006
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	0.050	006
XX	193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.050	006
XX	194	Benzo[k]fluoranthene	207-08-9	0.050	006
XX	195	Fluoranthene	206-44-0	0.050	006
XX	196	Phenanthrene	85-01-8	0.050	006
XX	197	Pyrene	129-00-0	0.050	006
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	0.050	006
XXI	199	2-methoxyethyl acetate	110-49-6	0.050	006
XXI	200	4-tert-butylphenol (PTBP)	98-54-4	0.050	006
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.050	006
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.050	006
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.050	006



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Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
XXII	204	Diisohexyl phthalate	71850-09-4	0.050	006
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.050	006
XXIII	206	1-vinylimidazole	1072-63-5	0.050	006
XXIII	207	2-methylimidazole	693-98-1	0.050	006
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	0.050	006
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin**	22673-19-4	0.050	006
XXIV	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.050	006
XXIV	211	Diocetyl tin 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**	-	0.050	006
XXV	212	1,4-dioxane	123-91-1	0.050	006
XXV	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)	-	0.050	006
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.050	006
XXV	215	4,4'-(1-methylpropylidene)bisphenol (bisphenol B)	77-40-7	0.050	006
XXV	216	Glutaral	111-30-8	0.050	006
XXV	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]	-	0.050	006



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Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)	Sample ID
XXV	218	Orthoboric acid, sodium salt*	13840-56-7	0.005	006
XXV	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)	-	0.050	006
XXVI	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)	-	0.050	003
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	0.050	003
XXVI	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	0.050	003
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.050	003



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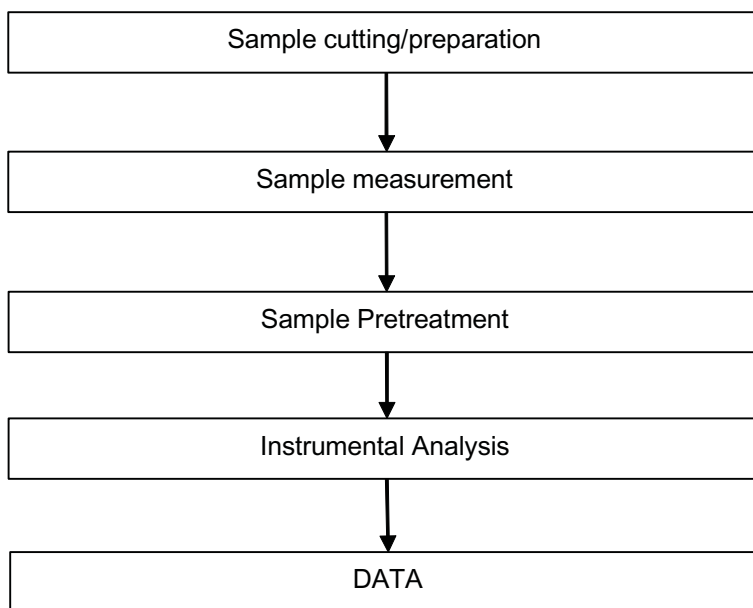
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SVHC Testing Flow Chart



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Sample photo:



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