

TEST REPORT

Applicant : Huangshan Xingwei Reflectorized Material Co., Ltd
Address : No. 5, Jing Xing Road, Eco-development Zone, She Country, Huang Shan City, An Hui Province, China 245200

Report on the submitted sample said to be:

Sample name : Reflective sheeting
Model : XW3102
Manufacturer : Huangshan Xingwei Reflectorized Material Co., Ltd
Address : No. 5, Jing Xing Road, Eco-development Zone, She Country, Huang Shan City, An Hui Province, China 245200
Sample received date : May. 09, 2018
Testing period : May. 09, 2018 to May 13, 2018

Testing Requested:	Results
(i) One hundred and eighty-three (183) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 15, 2018 regarding Regulation (EC) No 1907/2006 concerning the REACH (ii) Eighteen (18) substances in the Public Consultation List of potential Substances of Very High Concern(SVHC) published by European Chemicals Agency(ECHA) on Jan 15, 2018 regarding Regulation (EC) No 1907/2006 concerning the REACH.	Pass

Prepared by:

Calvin Chen

Calvin Chen

Examine By:

Tony Mo

Tony Mo



Approved (Manager):

Michael

Michael Mo

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

(2) Concerning article(s):

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). 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. adopts the interpretation of ECHA for SVHC in article unless indicated otherwise. Detail explanation is available at the following link:

(3) Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample substance 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

(4) 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 No 790/2009, client is suggested to prepare a Safety 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 dangerous according Dangerous Preparations Directive 1999/45/EC or classified as hazardous under the CLP Regulation (EC) No 1272/2008, when their concentrations are equal to, or greater than, those defined in the Article 3(3) of 1999/45/EC or the lower values given in Part 3 of Annex VI of Regulation (EC) No. 1272/2008; or - a mixture is not classified as dangerous under Directive 1999/45/EC, 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.

- (5) If a SVHC is found over the reporting limit, client is suggested to identify the component which Contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Method:

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

Report Results:
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
I	1	4,4' -Diaminodiphenylmethane(MDA).	101-77-9.	0.050	ND
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene).	81-15-2.	0.050	ND
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins).	85535-84-8.	0.050	ND
I	4	Anthracene.	120-12-7.	0.050	ND
I	5	Benzyl butyl phthalate (BBP).	85-68-7.	0.050	ND
I	6	Bis (2-ethylhexyl)phthalate (DEHP).	117-81-7.	0.050	ND
I	7	Bis(tributyltin)oxide (TBTO).	56-35-9.	0.050	ND
I	8	Cobalt dichloride*.	7646-79-9.	0.005	ND
I	9	Diarsenic pentaoxide*.	1303-28-2.	0.005	ND
I	10	Diarsenic trioxide*.	1327-53-3.	0.005	ND
I	11	Dibutyl phthalate (DBP).	84-74-2.	0.050	ND
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) Δ .	25637-99-4, 3194- 55-6.	0.050	ND
I	13	Lead hydrogen arsenate*.	7784-40-9.	0.005	ND
I	14	Sodium dichromate*.	7789-12-0, 10588-01-9.	0.005	ND
I	15	Triethyl arsenate*.	15606-95-8.	0.005	ND
II	16	2,4-Dinitrotoluene.	121-14-2.	0.050	ND
II	17	Acrylamide.	79-06-1.	0.050	ND
II	18	Anthracene oil*.	90640-80-5.	0.050	ND
II	19	Anthracene oil, anthracene paste*.	90640-81-6.	0.050	ND
II	20	Anthracene oil, anthracene paste, anthracene fraction*.	91995-15-2.	0.050	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
II	21	Anthracene oil, anthracene paste, distn. lights*.	91995-17-4.	0.050	ND
II	22	Anthracene oil, anthracene-low*.	90640-82-7.	0.050	ND
II	23	Diisobutyl phthalate.	84-69-5.	0.050	ND
II	24	Lead chromate*.	7758-97-6.	0.005	ND
II	25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*.	12656-85-8.	0.005	ND
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*.	1344-37-2.	0.005	ND
II	27	Pitch, coal tar, high temp.*.	65996-93-2.	0.050	ND
II	28	Tris(2-chloroethyl)phosphate.	115-96-8.	0.050	ND
III	29	Ammonium dichromate*.	7789-09-5.	0.005	ND
III	30	Boric acid*.	10043-35-3, 11113-50-1.	0.005	ND
III	31	Disodium tetraborate, anhydrous*.	1303-96-4, 1330-43-4, 12179-04-3.	0.005	ND
III	32	Potassium chromate*.	7789-00-6.	0.005	ND
III	33	Potassium dichromate*.	7778-50-9.	0.005	ND
III	34	Sodium chromate*.	7775-11-3.	0.005	ND
III	35	Tetraboron disodium heptaoxide, hydrate*.	12267-73-1.	0.005	ND
III	36	Trichloroethylene.	79-01-6.	0.050	ND
IV	37	2-Ethoxyethanol.	110-80-5.	0.050	ND
IV	38	2-Methoxyethanol.	109-86-4.	0.050	ND
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*.	7738-94-5 - 13530-68-2.	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
IV	40	Chromium trioxide*.	1333-82-0.	0.005	ND
IV	41	Cobalt(II) carbonate*.	513-79-1.	0.005	ND
IV	42	Cobalt(II) diacetate*.	71-48-7.	0.005	ND
IV	43	Cobalt(II) dinitrate*.	10141-05-6.	0.005	ND
IV	44	Cobalt(II) sulphate*.	10124-43-3.	0.005	ND
V	45	1,2,3-trichloropropane.	96-18-4.	0.050	ND
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich.	71888-89-6.	0.050	ND
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters.	68515-42-4.	0.050	ND
V	48	1-methyl-2-pyrrolidone.	872-50-4.	0.050	ND
V	49	2-ethoxyethyl acetate.	111-15-9.	0.050	ND
V	50	Hydrazine.	7803-57-8, 302-01-2.	0.050	ND
V	51	Strontium chromate*.	7789-06-2.	0.005	ND
VI	52	1,2-Dichloroethane.	107-06-2.	0.050	ND
VI	53	2,2'-dichloro-4,4'-methylenedianiline.	101-14-4.	0.050	ND
VI	54	2-Methoxyaniline; o-Anisidine.	90-04-0.	0.050	ND
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol.	140-66-9.	0.050	ND
VI	56	Aluminosilicate Refractory Ceramic Fibres *.	650-017-00-8 (Index no.).	0.005	ND
VI	57	Arsenic acid*.	7778-39-4.	0.005	ND
VI	58	Bis(2-methoxyethyl) ether.	111-96-6.	0.050	ND
VI	59	Bis(2-methoxyethyl) phthalate.	117-82-8.	0.050	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
VI	60	Calcium arsenate*.	7778-44-1.	0.005	ND
VI	61	Dichromium tris(chromate) *.	24613-89-6.	0.005	ND
VI	62	Formaldehyde, oligomeric reaction products with aniline.	25214-70-4.	0.050	ND
VI	63	Lead diazide, Lead azide*.	13424-46-9.	0.005	ND
VI	64	Lead dipicrate*.	6477-64-1.	0.005	ND
VI	65	Lead styphnate*.	15245-44-0.	0.005	ND
VI	66	N,N-dimethylacetamide.	127-19-5.	0.050	ND
VI	67	Pentazinc chromate octahydroxide*.	49663-84-5.	0.005	ND
VI	68	Phenolphthalein.	77-09-8.	0.050	ND
VI	69	Potassium hydroxyoctaoxodizincatedichromate*.	11103-86-9.	0.005	ND
VI	70	Trilead diarsenate*.	3687-31-8.	0.005	ND
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*.	650-017-00-8 (Index no.).	0.005	ND
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	ND
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	ND
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme).	112-49-2.	0.050	ND
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME).	110-71-4.	0.050	ND
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone).	90-94-8.	0.050	ND
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§.	561-41-1.	0.050	ND
VII	78	Diboron trioxide*.	1303-86-2.	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
VII	79	Formamide.	75-12-7.	0.050	ND
VII	80	Lead(II) bis(methanesulfonate)*.	17570-76-2.	0.005	ND
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base).	101-61-1.	0.050	ND
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione).	2451-62-9.	0.050	ND
VII	83	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)§.	6786-83-0.	0.050	ND
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	ND
VIII	85	[Phthalato(2-)]dioxotrilead*.	69011-06-9.	0.005	ND
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear.	84777-06-0.	0.050	ND
VIII	87	1,2-Diethoxyethane.	629-14-1.	0.050	ND
VIII	88	1-Bromopropane.	106-94-5.	0.050	ND
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine.	143860-04-2.	0.050	ND
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated.	-.	0.050	ND
VIII	91	4,4'-Methylenedi-o-toluidine.	838-88-0.	0.050	ND
VIII	92	4,4'-Oxydianiline and its salts.	101-80-4.	0.050	ND
VIII	93	4-Aminoazobenzene.	60-09-3.	0.050	ND
VIII	94	4-Methyl-m-phenylenediamine.	95-80-7.	0.050	ND
VIII	95	4-Nonylphenol, branched and linear.	-.	0.050	ND
VIII	96	6-Methoxy-m-toluidine.	120-71-8.	0.050	ND
VIII	97	Acetic acid, lead salt, basic*.	51404-69-4.	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
VIII	98	Biphenyl-4-ylamine.	92-67-1.	0.050	ND
VIII	99	Bis(pentabromophenyl) ether (DecaBDE).	1163-19-5.	0.050	ND
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride.	85-42-7, 13149-00-3, 14166-21-3.	0.050	ND
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)).	123-77-3.	0.050	ND
VIII	102	Dibutyltin dichloride (DBTC).	683-18-1.	0.050	ND
VIII	103	Diethyl sulphate.	64-67-5.	0.050	ND
VIII	104	Diisopentylphthalate.	605-50-5.	0.050	ND
VIII	105	Dimethyl sulphate.	77-78-1.	0.050	ND
VIII	106	Dinoseb.	88-85-7.	0.050	ND
VIII	107	Dioxobis(stearato)trilead*.	12578-12-0.	0.005	ND
VIII	108	Fatty acids, C16-18, lead salts*.	91031-62-8.	0.005	ND
VIII	109	Furan.	110-00-9.	0.050	ND
VIII	110	Henicosafuoroundecanoic acid.	2058-94-8.	0.050	ND
VIII	111	Heptacosafuorotetradecanoic acid.	376-06-7.	0.050	ND
VIII	112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride.	☆.	0.050	ND
VIII	113	Lead bis(tetrafluoroborate)*.	13814-96-5.	0.005	ND
VIII	114	Lead cyanamidate*.	20837-86-9.	0.005	ND
VIII	115	Lead dinitrate*.	10099-74-8.	0.005	ND
VIII	116	Lead monoxide*.	1317-36-8.	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
VIII	117	Lead oxide sulfate*.	12036-76-9.	0.005	ND
VIII	118	Lead tetroxide (orange lead)*.	1314-41-6.	0.005	ND
VIII	119	Lead titanium trioxide*.	12060-00-3.	0.005	ND
VIII	120	Lead titanium zirconium oxide*.	12626-81-2.	0.005	ND
VIII	121	Methoxyacetic acid.	625-45-6.	0.050	ND
VIII	122	Methyloxirane (Propylene oxide).	75-56-9.	0.050	ND
VIII	123	N,N-dimethylformamide.	68-12-2.	0.050	ND
VIII	124	N-Methylacetamide.	79-16-3.	0.050	ND
VIII	125	N-Pentyl-isopentylphthalate.	776297-69-9.	0.050	ND
VIII	126	o-Aminoazotoluene.	97-56-3.	0.050	ND
VIII	127	o-Toluidine.	95-53-4.	0.050	ND
VIII	128	Pentacosafuorotridecanoic acid.	72629-94-8.	0.050	ND
VIII	129	Pentalead tetraoxide sulphate*.	12065-90-6.	0.005	ND
VIII	130	Pyrochlore, antimony lead yellow*.	8012-00-8.	0.005	ND
VIII	131	Silicic acid, barium salt, lead-doped*.	68784-75-8.	0.005	ND
VIII	132	Silicic acid, lead salt*.	11120-22-2.	0.005	ND
VIII	133	Sulfurous acid, lead salt, dibasic*.	62229-08-7.	0.005	ND
VIII	134	Tetraethyllead*.	78-00-2.	0.005	ND
VIII	135	Tetralead trioxide sulphate*.	12202-17-4.	0.005	ND
VIII	136	Tricosafuorododecanoic acid.	307-55-1.	0.050	ND
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*.	1319-46-6.	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
VIII	138	Trilead dioxide phosphonate*.	12141-20-7.	0.005	ND
IX	139	4-Nonylphenol, branched and linear, ethoxylated.	-.	0.050	ND
IX	140	Ammonium pentadecafluorooctanoate (APFO).	3825-26-1.	0.050	ND
IX	141	Cadmium oxide*.	1306-19-0.	0.005	ND
IX	142	Cadmium*.	7440-43-9.	0.005	ND
IX	143	Dipentyl phthalate (DPP).	131-18-0.	0.050	ND
IX	144	Pentadecafluorooctanoic acid (PFOA).	335-67-1.	0.050	ND
X	145	Cadmium sulphide*.	1306-23-6.	0.005	ND
X	146	Dihexyl phthalate.	84-75-3.	0.050	ND
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	ND
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	ND
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol).	96-45-7.	0.050	ND
X	150	Lead di(acetate)*.	301-04-2.	0.005	ND
X	151	Trixylyl phosphate.	25155-23-1.	0.050	ND
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear.	68515-50-4.	0.050	ND
XI	153	Cadmium chloride*.	10108-64-2.	0.005	ND
XI	154	Sodium perborate; perboric acid, sodium salt*.	-.	0.005	ND
XI	155	Sodium peroxometaborate*.	7632-04-4.	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328).	25973-55-1.	0.050	ND
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320).	3846-71-7.	0.050	ND
XII	158	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradeca noate; DOTE.	15571-58-1.	0.050	ND
XII	159	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradeca noate & 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-di thia-4-stannatetradecanoate (reaction mass of DOTE & MOTE).	-.	0.050	ND
XII	160	Cadmium fluoride*.	7790-79-6.	0.005	ND
XII	161	Cadmium sulphate*.	10124-36-4, 31119-53-6.	0.005	ND
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate.	68515-51-5, 68648-93-1.	0.050	ND
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	ND
XIV	164	1,3-propanesultone.	1120-71-4.	0.050	ND
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol(UV-327).	3864-99-1.	0.050	ND
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol(UV-350).	36437-37-3.	0.050	ND
XIV	167	Nitrobenzene.	98-95-3.	0.050	ND
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts.	375-95-1, 21049-39-8, 4149-60-4.	0.050	ND
XV	169	Benzo[def]chrysene (Benzo[a]pyrene).	50-32-8.	0.050	ND

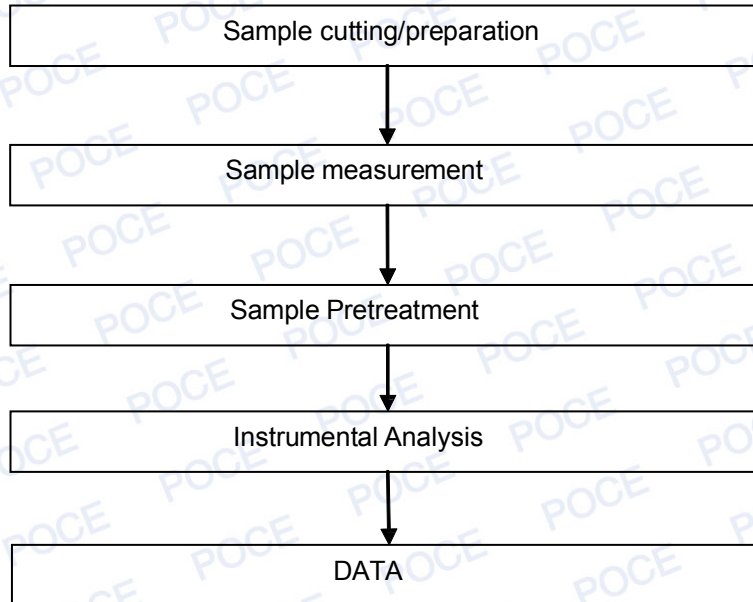
Batch	No.	Substance Name	CAS No.	RL (%)	Result
					Total Content
XVI	170	4,4'-isopropylidenediphenol (bisphenol A).	80-05-7.	0.050	ND
XVI	171	4-Heptylphenol, branched and linear.	-.	0.050	ND
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts.	3108-42-7 335-76-2 3830-45-3.	0.050	ND
XVI	173	p-(1,1-dimethylpropyl)phenol.	80-46-6.	0.050	ND
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	0.050	ND
XVIII	175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	0.050	ND
XVIII	176	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM)	-	0.050	ND
XVIII	177	Chrysene	218-01-9, 1719-03-5	0.050	ND
XVIII	178	Cadmium nitrate	10022-68-1, 10325-94-7	0.050	ND
XVIII	179	Cadmium hydroxide	21041-95-2	0.050	ND
XVIII	180	Cadmium carbonate	513-78-0	0.050	ND
XVIII	181	Benz[a]anthracene	56-55-3, 1718-53-2	0.050	ND
XVIII	182	Dicyclohexyl phthalat (DCHP)	84-61-7	0.050	ND
XVIII	183	Trimellitic anhydride (TMA)	552-30-7	0.050	ND

Specimen Description: Reflective sheeting

Notes:

1. RL = Reporting Limit. All RL are based on homogenous material. ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
2. *The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario.
3. RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium and barium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)).
4. ▲ On Jun 18, 2012, ECHA consolidated two entries of aluminosilicate refractory ceramic fibres and two of zirconia aluminosilicate refractory ceramic fibres in the Candidate List of SVHC for authorization published in Jan 2010 and Dec 2011 into one entry for aluminosilicate refractory ceramic fibres and one for zirconia aluminosilicate refractory ceramic fibres.
5. Calculated concentration of boric compounds are based on the total boron by ICP-OES.
6. Δ CAS No. of diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD): 134237-50-6, 134237-51-7, 134237-52-8.
7. ☆ CAS No. of Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride: 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9; EC No. of those: 247-094-1, 243-072-0, 256-356-4, 260-566-1.
8. § 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).
9. The result(s) shown is/are of the total weight of wet sample.

SVHC Testing Flow Chart



ANNEX A:

Photo-documentation

Photo 1 General Appearance of the EUT



Photo 1



Photo 2

*******END OF REPORT*******