TEST REPORT

Report No	:	AW2006914(0)	Date :02 May 2018
Application No	:	LW205928(4)-1	
Applicant	:	Haining Duletai New Material Co.,Ltd. Rm609,No.23 Wenli Road, Haining City, Zhejiang, PR China.	
Sample Description	:	Submitted samples stated to be Fibreglass Roller Blind Fabric. Colour : White. Quantity 1pcs Test Part(s) : Details refer to Appendix I on page 16	
Date Received	:	10 Apr 2018.	
Test Period	:	10 Apr 2018 to 19 Apr 2018.	
Test Requested	:	One hundred and eighty one (181) Substances of Very High Concern (SVHC) screening based on the Candidate List for authorization published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 concerning the REACH.	
Test Method	:	In house method (AAS, ICP-OES, LC-MS, GC-MS, GC-ECD, UV-VIS and Microscope).	
Test Result	:	Refer to the results on page 2 to 15.	
Conclusion	:	Based on the said tests, no SVHC detected may be exceeding 0.1% (w/w) in submitted sample(s).	

For and on behalf of
Yubiao Testing and Certification Laboratory (Shenzhen) Limited

Authorized Signature: Lisa

Liu Qu/Lisa
Assistant Manager-ENV Division

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Test result per Article:

SVHC No.^	Result (%)
All	ND

Note:
^ The substance name are referred to the list of SVHC
ND denotes Not Detected

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List of 181 SVHC :

SVHC No.	Substance Name	CAS Number	EC Number	Reporting Limit (%)	SVHC classification
1.	Anthracene	120-12-7	204-371-1	0.05	PBT
2.	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	0.05	Carcinogenic, cat. 2
3.	Dibutyl phthalate	84-74-2	201-557-4	0.05	Toxic for reproduction, cat. 2
4.	Cobalt dichloride (6)	7646-79-9	231-589-4	0.05	Toxic for reproduction, cat. 2
5.	Diarsenic pentaoxide (6)	1303-28-2	215-116-9	0.05	Carcinogenic, cat. 1
6.	Diarsenic trioxide (6)	1327-53-3	215-481-4	0.05	Carcinogenic, cat. 1
7.	Sodium dichromate (6)	7789-12-0(a), 10588-01-9(b)	234-190-3	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2; Toxic for reproduction, cat. 2
8.	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.05	vPvB
9.	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	0.05	Toxic for reproduction, cat. 2
10.	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:	3194-55-6(c), 25637-99-4(d)	221-695-9(c), 247-148-4(d)	0.05	PBT
	α - HBCDD	134237-50-6			
	β - HBCDD	134237-51-7			
	γ - HBCDD	134237-52-8			
11.	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.05	PBT, vPvB
12.	Bis(tributyltin) oxide (5)	56-35-9	200-268-0	0.05	PBT
13.	Lead hydrogen arsenate (6)	7784-40-9	232-064-2	0.05	Carcinogenic, cat. 1; Toxic for reproduction, cat. 1
14.	Benzyl butyl phthalate	85-68-7	201-622-7	0.05	Toxic for reproduction, cat. 2
15.	Triethyl arsenate (6)	15606-95-8	427-700-2	0.05	Carcinogenic, cat. 1
16.	Anthracene oil (8)	90640-80-5	292-602-7	0.05	Carcinogenic, cat. 2, PBT, vPvB
17.	Anthracene oil, anthracene paste, distn.lights (8)	91995-17-4	295-278-5	0.05	Carcinogenic, cat. 2; Mutagen, cat. 2, PBT, vPvB
18.	Anthracene oil, anthracene paste, anthracene fraction (8)	91995-15-2	295-275-9	0.05	Carcinogenic, cat. 2; Mutagen, cat. 2, PBT, vPvB
19.	Anthracene oil, anthracene-low (8)	90640-82-7	292-604-8	0.05	Carcinogenic, cat. 2; Mutagen, cat. 2, PBT, vPvB
20.	Anthracene oil, anthracene paste (8)	90640-81-6	292-603-2	0.05	Carcinogenic, cat. 2; Mutagen, cat. 2, PBT, vPvB
21.	Pitch, coal tar, high temp. (8)	65996-93-2	266-028-2	0.05	Carcinogenic, cat. 2;

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SVHC No.	Substance Name	CAS Number	EC Number	Reporting Limit (%)	SVHC classification
					PBT, vPvB
22.	2,4-Dinitrotoluene	121-14-2	204-450-0	0.05	Carcinogenic, cat. 2
23.	Diisobutyl phthalate	84-69-5	201-553-2	0.05	Toxic for reproduction, cat. 2
24.	Lead chromate (6)	7758-97-6	231-846-0	0.05	Carcinogenic, cat. 2; Toxic for reproduction, cat. 1
25.	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) (6)	12656-85-8	235-759-9	0.05	Carcinogenic, cat. 2; Toxic for reproduction, cat. 1
26.	Lead sulfochromate yellow (C.I. Pigment Yellow 34) (6)	1344-37-2	215-693-7	0.05	Carcinogenic, cat. 2; Toxic for reproduction, cat. 1
27.	Tris (2-chloroethyl) phosphate	115-96-8	204-118-5	0.05	Toxic for reproduction, cat. 2
28.	Acrylamide	79-06-1	201-173-7	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2
29.	Trichloroethylene	79-01-6	201-167-4	0.05	Carcinogenic, cat. 2
30.	Boric acid (6)	10043-35-3, 11113-50-1	233-139-2, 234-343-4	0.05	Toxic for reproduction, cat. 2
31.	Disodium tetraborate, anhydrous (6)	1330-43-4(e), 12179-04-3(f), 1303-96-4(g)	215-540-4	0.05	Toxic for reproduction, cat. 2
32.	Tetraboron disodium heptaoxide, hydrate (6)	12267-73-1	235-541-3	0.05	Toxic for reproduction, cat. 2
33.	Sodium chromate (6)	7775-11-3	231-889-5	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2; Toxic for reproduction, cat. 2
34.	Potassium chromate (6)	7789-00-6	232-140-5	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2
35.	Ammonium dichromate (6)	7789-09-5	232-143-1	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2; Toxic for reproduction, cat. 2
36.	Potassium dichromate (6)	7778-50-9	231-906-6	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2; Toxic for reproduction, cat. 2
37.	Cobalt(II) sulphate (6)	10124-43-3(h)	233-334-2(h)	0.05	Carcinogenic, cat. 2; Toxic for reproduction, cat. 2
38.	Cobalt(II) dinitrate (6)	10141-05-6(h)	233-402-1(h)	0.05	Carcinogenic, cat. 2; Toxic for reproduction, cat. 2

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SVHC No.	Substance Name	CAS Number	EC Number	Reporting Limit (%)	SVHC classification
39.	Cobalt(II) carbonate (6)	513-79-1(h)	208-169-4(h)	0.05	Carcinogenic, cat. 2; Toxic for reproduction, cat. 2
40.	Cobalt(II) diacetate (6)	71-48-7(h)	200-755-8(h)	0.05	Carcinogenic, cat. 2; Toxic for reproduction, cat. 2
41.	2-Methoxyethanol	109-86-4	203-713-7	0.05	Toxic for reproduction, cat. 2
42.	2-Ethoxyethanol	110-80-5	203-804-1	0.05	Toxic for reproduction, cat. 2
43.	Chromium trioxide (6)	1333-82-0	215-607-8	0.05	Carcinogenic, cat. 1; Mutagenic, cat. 2
44.	Acids generated from chromium trioxide and their oligomers (6) *Group containing:*	7738-94-5 13530-68-2 -	231-801-5 236-881-5 -	0.05	Carcinogenic, cat. 2
	Chromic acid				
	Dichromic acid				
	Oligomers of chromic acid and dichromic acid				
45.	2-Ethoxyethyl acetate	111-15-9	203-839-2	0.05	Toxic for reproduction, cat. 2
46.	Strontium chromate (6)	7789-06-2	232-142-6	0.05	Carcinogenic, cat. 2
47.	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.05	Toxic for reproduction, cat. 2
48.	Hydrazine	302-01-2	206-114-9	0.05	Carcinogenic, cat. 2
49.	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.05	Toxic for reproduction, cat. 2
50.	1,2,3-trichloropropane	96-18-4	202-486-1	0.05	Carcinogenic, cat. 2; Toxic for reproduction, cat. 2
51.	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	0.05	Toxic for reproduction, cat. 2
52.	Dichromium tris(chromate) (6)	24613-89-6	246-356-2	0.05	Carcinogenic, cat. 2
53.	Potassium hydroxyoctaoxodizincatedi-chromate (6)	11103-86-9	234-329-8	0.05	Carcinogenic, cat. 1
54.	Pentazinc chromate octahydroxide (6)	49663-84-5	256-418-0	0.05	Carcinogenic, cat. 1
55.	Aluminosilicate Refractory Ceramic Fibres (RCF) (7)	Index no. 650-017-00-8		0.05	Carcinogenic, cat. 2
56.	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) (7)	Index no. 650-017-00-8		0.05	Carcinogenic, cat. 2
57.	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.05	Carcinogenic, cat. 2
58.	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.05	Toxic for reproduction, cat. 2

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SVHC No.	Substance Name	CAS Number	EC Number	Reporting Limit (%)	SVHC classification
59.	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.05	Carcinogenic, cat. 2
60.	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.05	Equivalent level of concern having probable serious effects to the environment
61.	1,2-Dichloroethane	107-06-2	203-458-1	0.05	Carcinogenic, cat. 1
62.	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.05	Toxic for reproduction, cat. 2
63.	Arsenic acid (6)	7778-39-4	231-901-9	0.05	Carcinogenic, cat. 1
64.	Calcium arsenate (6)	7778-44-1	231-904-5	0.05	Carcinogenic, cat. 1
65.	Trilead diarsenate (6)	3687-31-8	222-979-5	0.05	Carcinogenic, cat. 1; Toxic for reproduction, cat. 1
66.	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.05	Toxic for reproduction, cat. 2
67.	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.05	Carcinogenic, cat. 2
68.	Phenolphthalein	77-09-8	201-004-7	0.05	Carcinogenic, cat. 2
69.	Lead azide Lead diazide (6)	13424-46-9	236-542-1	0.05	Toxic for reproduction, cat. 1
70.	Lead styphnate (6)	15245-44-0	239-290-0	0.05	Toxic for reproduction, cat. 1
71.	Lead dipicrate (6)	6477-64-1	229-335-2	0.05	Toxic for reproduction, cat. 1
72.	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.05	Toxic for reproduction, cat. 2
73.	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.05	Toxic for reproduction, cat. 2
74.	Diboron trioxide(6)	1303-86-2	215-125-8	0.05	Toxic for reproduction, cat. 2
75.	Formamide	75-12-7	200-842-0	0.05	Toxic for reproduction, cat. 2
76.	Lead(II) bis(methanesulfonate) (6)	17570-76-2	401-750-5	0.05	Toxic for reproduction, cat. 1
77.	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3	0.05	Mutagenic, cat. 2
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	0.05	Mutagenic, cat. 2
79.	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.05	Carcinogenic, cat. 2
80.	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.05	Carcinogenic, cat. 2
81.	[4-[4,4'-bis(dimethylamino)	548-62-9	208-953-6	0.05	Carcinogenic, cat. 2

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	benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) (i)				
82.	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) (i)	2580-56-5	219-943-6	0.05	Carcinogenic, cat. 2
83.	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) (i)	6786-83-0	229-851-8	0.05	Carcinogenic, cat. 2
84.	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol (i)	561-41-1	209-218-2	0.05	Carcinogenic, cat. 2
85.	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	0.05	PBT; vPvB
86.	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.05	vPvB
87.	Tricosafluorododecanoic acid	307-55-1	206-203-2	0.05	vPvB
88.	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	0.05	vPvB
89.	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	0.05	vPvB
90.	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.05	Equivalent level of concern having probable serious effects to human health
91.	Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] *[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]*	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.05	Equivalent level of concern having probable serious effects to human health
92.	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] *[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]*	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.05	Equivalent level of concern having probable serious effects to human health

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93.	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]*	-	-	0.05	Equivalent level of concern having probable serious effects to the environment
94.	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated *[covering well-defined substances and UVCB substances, polymers and homologues]*	-	-	0.05	Equivalent level of concern having probable serious effects to the environment
95.	Methoxyacetic acid	625-45-6	210-894-6	0.05	Toxic for reproduction, cat. 2
96.	N,N-dimethylformamide	68-12-2	200-679-5	0.05	Toxic for reproduction, cat. 2
97.	Dibutyltin dichloride (DBTC) (5)	683-18-1	211-670-0	0.05	Toxic for reproduction, cat. 2
98.	Lead monoxide (Lead oxide) (6)	1317-36-8	215-267-0	0.05	Toxic for reproduction, cat. 1
99.	Orange lead (Lead tetroxide) (6)	1314-41-6	215-235-6	0.05	Toxic for reproduction, cat. 1
100.	Lead bis(tetrafluoroborate) (6)	13814-96-5	237-486-0	0.05	Toxic for reproduction, cat. 1
101.	Trilead bis(carbonate)dihydroxide (6)	1319-46-6	215-290-6	0.05	Toxic for reproduction, cat. 1
102.	Lead titanium trioxide(6)	12060-00-3	235-038-9	0.05	Toxic for reproduction, cat. 1
103.	Lead titanium zirconium oxide (6)	12626-81-2	235-727-4	0.05	Toxic for reproduction, cat. 1
104.	Silicic acid, lead salt (6)	11120-22-2	234-363-3	0.05	Toxic for reproduction, cat. 1
105.	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped *[with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]* (6)	68784-75-8	272-271-5	0.05	Toxic for reproduction, cat. 1
106.	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.05	Toxic for reproduction, cat. 2
107.	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.05	Carcinogenic, cat. 2;

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					Mutagenic, cat. 2
108.	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.05	Toxic for reproduction, cat. 2
109.	Diisopentylphthalate	605-50-5	210-088-4	0.05	Toxic for reproduction, cat. 2
110.	N-pentyl-isopentylphthalate	776297-69-9	-	0.05	Toxic for reproduction, cat. 2
111.	1,2-diethoxyethane	629-14-1	211-076-1	0.05	Toxic for reproduction, cat. 2
112.	Acetic acid, lead salt, basic (6)	51404-69-4	257-175-3	0.05	Toxic for reproduction, cat. 1
113.	Lead oxide sulfate (6)	12036-76-9	234-853-7	0.05	Toxic for reproduction, cat. 1
114.	[Phthalato(2-)]dioxotrilead (6)	69011-06-9	273-688-5	0.05	Toxic for reproduction, cat. 1
115.	Dioxobis(stearato)trilead (6)	12578-12-0	235-702-8	0.05	Toxic for reproduction, cat. 1
116.	Fatty acids, C16-18, lead salts (6)	91031-62-8	292-966-7	0.05	Toxic for reproduction, cat. 1
117.	Lead cynamidate (6)	20837-86-9	244-073-9	0.05	Toxic for reproduction, cat. 1
118.	Lead dinitrate (6)	10099-74-8	233-245-9	0.05	Toxic for reproduction, cat. 1
119.	Pentalead tetraoxide sulphate (6)	12065-90-6	235-067-7	0.05	Toxic for reproduction, cat. 1
120.	Pyrochlore, antimony lead yellow (6)	8012-00-8	232-382-1	0.05	Toxic for reproduction, cat. 1
121.	Sulfurous acid, lead salt, dibasic (6)	62229-08-7	263-467-1	0.05	Toxic for reproduction, cat. 1
122.	Tetraethyllead (6)	78-00-2	201-075-4	0.05	Toxic for reproduction, cat. 1
123.	Tetralead trioxide sulphate (6)	12202-17-4	235-380-9	0.05	Toxic for reproduction, cat. 1
124.	Trilead dioxide phosphonate (6)	12141-20-7	235-252-2	0.05	Toxic for reproduction, cat. 1
125.	Furan	110-00-9	203-727-3	0.05	Carcinogenic, cat. 2
126.	Diethyl sulphate	64-67-5	200-589-6	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2
127.	Dimethyl sulphate	77-78-1	201-058-1	0.05	Carcinogenic, cat. 2
128.	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.05	Toxic for reproduction, cat. 2
129.	Dinoseb (6-*sec*-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.05	Toxic for reproduction, cat. 2

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TEST REPORT

Report No : AW2006914(0) Date :02 May 2018

Application No : LW205928(4)-1

SVHC No.	Substance Name	CAS Number	EC Number	Reporting Limit (%)	SVHC classification
130.	4,4'-methylenedi-*o*-toluidine	838-88-0	212-658-8	0.05	Carcinogenic, cat. 2
131.	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2
132.	4-aminoazobenzene	60-09-3	200-453-6	0.05	Carcinogenic, cat. 2
133.	4-methyl-*m*-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.05	Carcinogenic, cat. 2
134.	6-methoxy-*m*-toluidine (p-cresidine)	120-71-8	204-419-1	0.05	Carcinogenic, cat. 2
135.	Biphenyl-4-ylamine	92-67-1	202-177-1	0.05	Carcinogenic, cat. 1
136.	*o*-aminoazotoluene [(4-*o*-tolylazo-*o*-toluidine])	97-56-3	202-591-2	0.05	Carcinogenic, cat. 2
137.	*o*-toluidine	95-53-4	202-429-0	0.05	Carcinogenic, cat. 2
138.	*N*-methylacetamide	79-16-3	201-182-6	0.05	Toxic for reproduction, cat. 2
139.	Cadmium [(6)]	7440-43-9	231-152-8	0.05	Carcinogenic, cat. 2; Equivalent level of concern having probable serious effects to human health
140.	Cadmium oxide [(6)]	1306-19-0	215-146-2	0.05	Carcinogenic, cat. 2; Equivalent level of concern having probable serious effects to human health
141.	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.05	Toxic for reproduction, cat. 2
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]*	-	-	0.05	Equivalent level of concern having probable serious effects to the environment
143.	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.05	Toxic for reproduction, cat. 2; PBT
144.	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.05	Toxic for reproduction, cat. 2; PBT
145.	Cadmium sulphide [(6)]	1306-23-6	215-147-8	0.05	Carcinogenic, cat. 2; Equivalent level of concern having probable serious effects to human health
146.	Dihexyl phthalate	84-75-3	201-559-5	0.05	Toxic for reproduction, cat. 2

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Report No : AW2006914(0) Date :02 May 2018

Application No : LW205928(4)-1

SVHC No.	Substance Name	CAS Number	EC Number	Reporting Limit (%)	SVHC classification
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	0.05	Carcinogenic, cat. 2
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	0.05	Carcinogenic, cat. 2
149.	Imidazolidine-2-thione;2-imidazoline-2-thiol	96-45-7	202-506-9	0.05	Toxic for reproduction, cat. 2
150.	Lead di(acetate) (6)	301-04-2	206-104-4	0.05	Toxic for reproduction, cat. 1
151.	Trixylyl phosphate	25155-23-1	246-677-8	0.05	Toxic for reproduction, cat. 2
152.	Sodium peroxometaborate (6)	7632-04-4	231-556-4	0.05	Toxic for reproduction, cat. 2
153.	Cadmium chloride (6)	10108-64-2	233-296-7	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2; Toxic for reproduction, cat. 2 Equivalent level of concern having probable serious effects to human health
154.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.05	Toxic for reproduction, cat. 2
155.	Sodium perborate; perboric acid, sodium salt (6)	-	239-172-9; 234-390-0	0.05	Toxic for reproduction, cat. 2
156.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.05	Toxic for Reproduction, cat. 2
157.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.05	PBT; vPvB
158.	Cadmium fluoride (6)	7790-79-6	232-222-0	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2; Toxic for reproduction, cat. 2 Equivalent level of concern having probable serious effects to human health
159.	Cadmium sulphate (6)	10124-36-4; 31119-53-6	233-331-6	0.05	Carcinogenic, cat. 2; Mutagenic, cat. 2; Toxic for reproduction, cat. 2 Equivalent level of

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TEST REPORT

Report No : AW2006914(0) Date :02 May 2018

Application No : LW205928(4)-1

SVHC No.	Substance Name	CAS Number	EC Number	Reporting Limit (%)	SVHC classification
					concern having probable serious effects to human health
160.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.05	Toxic for Reproduction, cat. 2
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)	-	-	0.05	Toxic for Reproduction, cat. 2
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	271-094-0	0.05	Toxic for reproduction, cat. 2
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]	-	-	0.05	vPvB
164.	Nitrobenzene	98-95-3	202-716-0	0.05	Toxic for reproduction, cat 2
165.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.05	vPvB
166.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.05	vPvB
167.	1,3-propanesultone	1120-71-4	214-317-9	0.05	Carcinogenic, cat 2
168.	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4	206-801-3	0.05	Toxic for reproduction, cat.2; PBT
169.	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.05	Carcinogenic; cat 2 Mutagenic ; cat 2 Toxic for reproduction; cat 2 PBT; vPvB
170.	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-07	201-245-8	0.05	Toxic for reproduction
171.	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2, 3830-45-3 , 3108-42-7	206-400-3, 221-470-5	0.05	Toxic for reproduction
172.	4-Heptylphenol, branched and linear [substances with a linear and/or branched	--	--	0.05	Equivalent level of concern having probable

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Report No : AW2006914(0) Date :02 May 2018

Application No : LW205928(4)-1

SVHC No.	Substance Name	CAS Number	EC Number	Reporting Limit (%)	SVHC classification
	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]				serious effects to the environment
173.	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.05	PBT
174.	Perfluorohexane-1-sulphonic acid and its salts	-	-	0.05	vPvB
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]	-	-	0.05	vPvB (Article 57e)
176.	Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	0.05	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
177.	Cadmium carbonate	513-78-0	208-168-9	0.05	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
178.	Cadmium hydroxide	21041-95-2	244-168-5	0.05	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
179.	Chrysene	218-01-9 1719-03-5	205-923-4	0.05	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
180.	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]	-	-	0.05	Endocrine disrupting properties (Article 57(f) - environment)
181.	Benz[a]anthracene	56-55-3 1718-53-2	200-286-6	0.05	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)

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[a] CAS no. 7789-12-0 refers to sodium dichromate dihydrate
[b] CAS no. 10588-01-9 refers to anhydrous sodium dichromate
[c] CAS no. 3194-55-6 & EC no. 221-695-9 refer to a specific HBCDD - 1,2,5,6,9,10-hexabromocyclododecane
[d] CAS no. 25637-99-4 & EC no. 247-148-4 refer to unspecific HBCDD isomer composition
[e] CAS no. 1330-43-4 refers to disodium tetraborate, anhydrous
[f] CAS no. 12179-04-3 refers to disodium tetraborate pentahydrate
[g] CAS no. 1303-96-4 refers to disodium tetraborate decahydrate
[h] According to the rules applied when establishing EINECS (Manual of Decisions, Criteria for reporting substances for EINECS, http://ecb.jrc.ec.europa.eu/documents/New-Chemicals/Manual_of_decisions.pdf): "The anhydrous form can be reported and will, by implication, represent all hydrated forms."
[i] With ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2), the substance meets the criteria for classification as carcinogen in accordance with Article 57 (a) of REACH.

Note :
1. PBT = Persistent, bio accumulative and toxic as defined in Regulation (EC) No 1907/2006
2. vPvB = Very persistent and very bio accumulative as defined in Regulation (EC) No 1907/2006
3. CMR = Carcinogenic, Mutagenic or Toxic for Reproduction
4. The substance name in the SVHC list were quoted from the Candidate List for authorization published by ECHA on 15th Jan 2018 (http://echa.europa.eu/candidate-list-table).
5. The calculated concentrations of the SVHCs are based on the measurement of tributyltin (TBT). Due to the limitations of existing analytical technology, the measured value covers TBTO and other tri-substituted organotins. It is suggested to review the chemical formulation of the test item to ascertain its presence.
6. The calculated concentrations of the SVHCs are based on the measurement of selected element(s)/ ion(s). Due to the limitations of existing analytical technology, the measured values are the maximum possible amount found and they may not be exclusive of each other. It is suggested to review the chemical formulation of the test item to ascertain their presence.
7. The calculated concentrations of the SVHCs are based on the measurement of suspected fibre by microscopic analysis. As the SVHCs are defined as UVCB (substance of unknown or variable composition, complex reaction products or biological materials), due to the limitations of existing analytical technology, a complete chemical identification is not possible, the measured values are the maximum possible amount found and they may not be exclusive of each other. It is suggested to review the chemical formulation of the test item to ascertain their presence.
8. The calculated concentrations of the SVHCs are based on the measurement of selected identifiers. As the SVHCs are defined as UVCB (substance of unknown or variable composition, complex reaction products or biological materials), due to the limitations of existing analytical technology, a complete chemical identification is not possible, the measured values are the maximum possible amount found and they may not be exclusive of each other. It is suggested to review the chemical formulation of the test item to ascertain their presence.

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TEST REPORT

Report No : AW2006914(0) Date :02 May 2018

Application No : LW205928(4)-1

Remark:

1. The limit of 0.1% (w/w) applies to an article. The results were calculated assuming the submitted test item is an article.

   However, in case the test item is being used as a part of an article, the result may not represent the overall SVHC concentration in such article. Or if the test item is being used as a substance or a mixture, the result indicated in this report will not be applicable to evaluate the SVHC concentration in an article.

   According to Regulation (EC) No. 1907/2006 Article 3 – Definitions,

   Substance - A chemical element and its compounds in the natural state or obtained by any manufacturing process, including any additive necessary to preserve its stability and any impurity deriving from the process used, but excluding any solvent which may be separated without affecting the stability of the substance or changing its composition;

   Mixture - A mixture or solution composed of two or more substances;

   Article - An object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.
2. In accordance with Regulation (EC) No. 1907/2006 Article 7 - Registration and notification of substances in articles, any producer or importer of articles shall notify ECHA, 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).

   The information to be notified shall include the following:
   (a) the identity and contact details of the producer or importer
   (b) the registration number(s)
   (c) the identity of the substance
   (d) the classification of the substance(s)
   (e) a brief description of the use(s) of the substance(s)
   (f) the tonnage range of the substance(s)
3. In accordance with Regulation (EC) No. 1907/2006 Article 33 - Duty to communicate information on substances in articles, any 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.

   On request by a consumer, The relevant information shall be provided, free of charge, within 45 days of receipt of the request.

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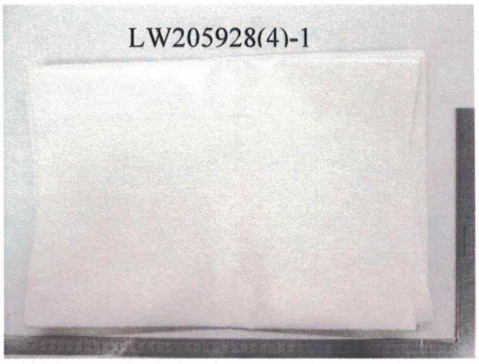
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Appendix I

LW205928(4)-1



Sample

***** End of Report *****

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