Customer: CHAOZHOU TEAMWAY TEXTILE CO., LTD

Customer Address: LOW CARBON INDUSTRIAL PARK, RAOPING, CHINA

Sample Name: RPET NONWOVEN FABRIC

The above samples and information are provided by the customer

Sample Received Date: Nov 01, 2024

Test Period: Nov 01, 2024 to Nov 06, 2024

Test Requirements: Test according to customer requirement

Test Method: Please refer to next page(s)

Test Result: Please refer to next page(s)

Test Conclusion: **PASS**

Result Summary:

Test Requested	Conclusion
1. As specified by client, SVHC screening is performed according to: Two hundred and forty-one (241) Substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemical Agency (ECHA) on and before Jun 27, 2024 published by European Chemical Agency (ECHA) regarding regulation (EC) No 1907/2006 concerning the REACH. According to the specified scope and analytical techniques, concentrations of SVHC(241 SVHC) are less than 0.1%(w/w) in the sample.	**PASS**
2. According to customer requirements, screening tests were conducted on 13 potential intention SVHC substances submitted by EU member states to the European Chemical Administration (ECHA).	**PASS**
3. According to customer requirements, screen and test 2 Assessing SVHC substances submitted by EU member states to the European Chemical Administration (ECHA).	**PASS**

Soar Testing Certification (GuangDong) Co., Ltd.

WRITTEN BY	REVIEWED BY	APPROVED BY
Zooey Zhang	Kira Fu	Eric Wu Frank Wu
Zooey Zhang	Kira Fu	Eric Wu Frank Wu
		Approved signatory

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Lab name: Soar Testing Certification (GuangDong) Co., Ltd. **Address:** Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
Post Code: 523945 **Tel:** (86-769) 38937518 **E-mail:** service@soar-cert.com **Website:** http://www.soartestlab.com

Test Result(s):

Description of test sample:

Sample No.	Item / Component Description(s)	Location(s)	Style(s) / Model(s)
1.	Two pieces of material(mixed)	Refer to photo	/

Note: "/"= Customer does not provide.

Test method: Refer to in-house method for sample pretreatment, analysis was performed by ICP-OES, UV-Vis, HPLC-PDA, GC-MS and LC-MS/MS.

1. **As specified by client, SVHC screening is performed according to: Two hundred and forty-one (241) Substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemical Agency (ECHA) on and before Jun 27, 2024 published by European Chemical Agency (ECHA) regarding regulation (EC) No 1907/2006 concerning the REACH.According to the specified scope and analytical techniques, concentrations of SVHC(241 SVHC) are less than 0.1%(w/w) in the sample.**

Chemical Substance	Unit	Result
		No.1
All Tested 241 SVHCs in Chemical List	%(w/w)	N.D.

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241 SVHCs Chemical List

No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
First batch				
1	Anthracene	120-12-7	204-371-1	0.010
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.010
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.010
4	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	0.010
5	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.010
6	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	0.010
7	5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	201-329-4	0.010
8	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:(α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 3194-55-6 (134237-51-7 134237-50-6 134237-52-8)	247-148-4 221-695-9	0.010
9	Alkanes, C10-13 chloro (short chain chlorinated paraffins, SCCP)	85535-84-8	287-476-5	0.010
10	Lead hydrogen arsenate**	7784-40-9	232-064-2	0.010
11	Triethyl arsenate**	15606-95-8	427-700-2	0.010
12	Diarsenic pentaoxide **	1303-28-2	215-116-9	0.010
13	Diarsenic trioxide**	1327-53-3	215-481-4	0.010
14	Cobalt dichloride**	7646-79-9	231-589-4	0.010
15	Sodium dichromate**	7789-12-0 10588-01-9	234-190-3	0.010
Second batch				

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
16	Anthracene oil	90640-80-5	292-602-7	0.010
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.010
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.010
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.010
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.010
21	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.010
22	2,4-Dinitrotoluene (2,4-DNT)	121-14-2	204-450-0	0.010
23	Lead chromate**	7758-97-6	231-846-0	0.010
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) **	12656-85-8	235-759-9	0.010
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)**	1344-37-2	215-693-7	0.010
26	Pitch, coal tar, high temp.	65996-93-2	266-028-2	0.010
27	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	204-118-5	0.010
28	Acrylamide	79-06-1	201-173-7	0.010
Third batch				
29	Trichloroethylene	79-01-6	201-167-4	0.010
30	Boric acid**	10043-35-3 11113-50-1	233-139-2 234-343-4	0.010
31	Disodium tetraborate, anhydrous**	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.010
32	Tetraboron disodium heptaoxide, hydrate**	12267-73-1	235-541-3	0.010
33	Sodium chromate**	7775-11-3	231-889-5	0.010

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No.	Chemical Substance Name(s)		CAS No.	EC No.	RL%
34	Potassium chromate**		7789-00-6	232-140-5	0.010
35	Ammonium dichromate**		7789-09-5	232-143-1	0.010
36	Potassium dichromate**		7778-50-9	231-906-6	0.010
Fourth batch					
37	Chromium trioxide**		1333-82-0	215-607-8	0.010
38	2-Methoxyethanol		109-86-4	203-713-7	0.010
39	2-Ethoxyethanol		110-80-5	203-804-1	0.010
40	Cobalt(II) diacetate**		71-48-7	200-755-8	0.010
41	Cobalt(II) carbonate**		513-79-1	208-169-4	0.010
42	Cobalt(II) dinitrate**		10141-05-6	233-402-1	0.010
43	Cobalt(II) sulphate**		10124-43-3	233-334-2	0.010
44	Acids generated from chromium trioxide and their oligomers Group containing:	Chromic acid**	7738-94-5	231-801-5	0.010
		Dichromic acid**	13530-68-2	236-881-5	0.010
		Oligomers of chromic acid and dichromic acid**	-	-	0.010
Fifth batch					
45	2-ethoxyethyl acetate		111-15-9	203-839-2	0.010
46	Strontium chromate **		7789-06-2	232-142-6	0.010
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)		68515-42-4	271-084-6	0.010
48	Hydrazine		7803-57-8 302-01-2	206-114-9	0.010
49	1-methyl-2-pyrrolidone		872-50-4	212-828-1	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
50	1,2,3-trichloropropane	96-18-4	202-486-1	0.010
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	0.010
Sixth batch				
52	Dichromium tris(chromate) **	24613-89-6	246-356-2	0.010
53	Potassium hydroxyoctaoxodizincate di-chromate**	11103-86-9	234-329-8	0.010
54	Pentazinc chromate octahydroxide **	49663-84-5	256-418-0	0.010
55	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.010
56	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	0.010
57	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.010
58	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.010
59	1,2-Dichloroethane	107-06-2	203-458-1	0.010
60	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.010
61	Arsenic acid**	7778-39-4	231-901-9	0.010
62	Calcium arsenate**	7778-44-1	231-904-5	0.010
63	Trilead diarsenate**	3687-31-8	222-979-5	0.010
64	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.010
65	Phenolphthalein	77-09-8	201-004-7	0.010
66	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.010
67	Lead azide; Lead diazide**	13424-46-9	236-542-1	0.010
68	Lead styphnate**	15245-44-0	239-290-0	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
69	Lead dipicrate**	6477-64-1	229-335-2	0.010
70	Aluminosilicate Refractory Ceramic Fibres (RCF)**	-	-	0.010
71	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	-	0.010
Seventh batch				
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.010
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.010
74	Diboron trioxide**	1303-86-2	215-125-8	0.010
75	Lead(II)bis(methanesulfonate)**	17570-76-2	401-750-5	0.010
76	Formamide	75-12-7	200-842-0	0.010
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6 (1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3	0.010
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	0.010
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.010
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.010
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	0.010
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	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
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	0.010
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	0.010
Eighth batch				
85	Bis(pentabromophenyl) ether (decabromodiphenylether; DecaBDE)	1163-19-5	214-604-9	0.010
86	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.010
87	Tricosafluorododecanoic acid	307-55-1	206-203-2	0.010
88	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	0.010
89	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	0.010
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	0.010
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]	-	-	0.010
92	Diazene-1,2- dicarboxamide (C,C'-azodi(formamide)	123-77-3	204-650-8	0.010
93	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	247-094-1 243-072-0 256-356-4 260-566-1	0.010
94	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
95	Methoxy acetic acid	625-45-6	210-894-6	0.010
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.010
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.010
98	N-pentyl-isopentylphtalate	776297-69-9	-	0.010
99	1,2-diethoxyethane	629-14-1	211-076-1	0.010
100	N,N-dimethylformamide	68-12-2	200-679-5	0.010
101	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.010
102	Acetic acid, lead salt, basic**	51404-69-4	257-175-3	0.010
103	Trilead bis(carbonate) dihydroxide**	1319-46-6	215-290-6	0.010
104	Lead oxide sulfate**	12036-76-9	234-853-7	0.010
105	[Phthalato(2-)]dioxotrilead **	69011-06-9	273-688-5	0.010
106	Dioxobis(stearato)trilead**	12578-12-0	235-702-8	0.010
107	Fatty acids, C16-18, lead salts**	91031-62-8	292-966-7	0.010
108	Lead bis(tetrafluoroborate)**	13814-96-5	237-486-0	0.010
109	Lead cynamidate**	20837-86-9	244-073-9	0.010
110	Lead dinitrate**	10099-74-8	233-245-9	0.010
111	Lead oxide (lead monoxide)**	1317-36-8	215-267-0	0.010
112	Lead tetroxide (orange lead)**	1314-41-6	215-235-6	0.010
113	Lead titanium trioxide**	12060-00-3	235-038-9	0.010
114	Lead Titanium Zirconium Oxide**	12626-81-2	235-727-4	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
115	Pentalead tetraoxide sulphate**	12065-90-6	235-067-7	0.010
116	Pyrochlore, antimony lead yellow **	8012-00-8	232-382-1	0.010
117	Silicic acid, barium salt, lead-doped**	68784-75-8	272-271-5	0.010
118	Silicic acid, lead salt**	11120-22-2	234-363-3	0.010
119	Sulfurous acid, lead salt, dibasic**	62229-08-7	263-467-1	0.010
120	Tetraethyllead**	78-00-2	201-075-4	0.010
121	Tetralead trioxide sulphate**	12202-17-4	235-380-9	0.010
122	Trilead dioxide phosphonate**	12141-20-7	235-252-2	0.010
123	Furan	110-00-9	203-727-3	0.010
124	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.010
125	Diethyl sulphate	64-67-5	200-589-6	0.010
126	Dimethyl sulphate	77-78-1	201-058-1	0.010
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazoli dine	143860-04-2	421-150-7	0.010
128	Dinoseb	88-85-7	201-861-7	0.010
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.010
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.010
131	4-aminoazobenzene	60-09-3	200-453-6	0.010
132	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.010
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.010
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
135	o-aminoazotoluene [(4-o-tolylazo-o-toluidine]	97-56-3	202-591-2	0.010
136	o-toluidine	95-53-4	202-429-0	0.010
137	N-methylacetamide	79-16-3	201-182-6	0.010
138	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.010
Ninth batch				
139	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]	-	-	0.010
140	Cadmium**	7440-43-9	231-152-8	0.010
141	Cadmium oxide**	1306-19-0	215-146-2	0.010
142	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.010
143	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.010
144	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.010
Tenth batch				
145	Cadmium sulphide**	1306-23-6	215-147-8	0.010
146	Dihexyl phthalate (DnHP)	84-75-3	201-559-5	0.010
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	0.010
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	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	0.010
150	Trixylyl phosphate	25155-23-1	246-677-8	0.010
151	Lead di(acetate)**	301-04-2	206-104-4	0.010
Eleventh batch				
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.010
153	Cadmium chloride**	10108-64-2	233-296-7	0.010
154	Sodium perborate; perboric acid, sodium salt**	-	239-172-9 234-390-0	0.010
155	Sodium peroxometaborate**	7632-04-4	231-556-4	0.010
Twelfth batch				
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.010
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.010
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.010
159	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)	-	-	0.010
160	Cadmium fluoride**	7790-79-6	232-222-0	0.010
161	Cadmium sulphate**	10124-36-4 31119-53-6	233-331-6	0.010
Thirteenth batch				

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ⩾ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	0.010
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]	-	-	0.010
Fourteenth batch				
164	1,3-propanesultone	1120-71-4	214-317-9	0.010
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.010
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.010
167	Nitrobenzene	98-95-3	202-716-0	0.010
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1, 21049-39-8 4149-60-4	206-801-3	0.010
Fifteenth batch				
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.010
Sixteenth batch				
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.010
171	4-tert-pentylphenol (PTAP)	80-46-6	201-280-9	0.010
172	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB-and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
173	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	- 206-400-3 221-470-5	0.010
Seventeenth batch				
174	Perfluorohexane-1-sulphonic acid and its salts	355-46-4	206-587-1	0.010
Eighteenth batch				
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]	-	-	0.010
176	Benz[a]anthracene	56-55-3	200-280-6	0.010
177	Cadmium nitrate**	10325-94-7	233-710-6	0.010
178	Cadmium carbonate**	513-78-0	208-168-9	0.010
179	Cadmium hydroxide**	21041-95-2	244-168-5	0.010
180	Chrysene	218-01-9	205-923-4	0.010
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]	-	-	0.010
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	0.010
183	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.010
Nineteenth batch				
184	Benzo[ghi]perylene	191-24-2	205-883-8	0.010
185	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.010
186	Disodium octaborate**	12008-41-2	234-541-0	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.010
188	Ethylenediamine	107-15-3	203-468-6	0.010
189	Lead**	7439-92-1	231-100-4	0.010
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.010
191	Terphenyl hydrogenated	61788-32-7	262-967-7	0.010
192	1,7,7-trimethyl-3-(phenylmethylene) bicyclo [2.2.1]heptan-2-one(3-benzylidene camphor)	15087-24-8	239-139-9	0.010
Twentieth batch				
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.010
194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.010
195	Fluoranthene	206-44-0	205-912-4	0.010
196	Phenanthrene	85-01-8	201-581-5	0.010
197	Pyrene	129-00-0	204-927-3	0.010
Twenty-First batch				
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) HFPO-DA	-	-	0.010
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.010
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	0.010
201	p-tert-Butylphenol,4-t-Butylphenol	98-54-4	202-679-0	0.010
Twenty-Second batch				

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.010
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.010
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.010
205	Perfluorobutane sulfonic acid (PFBS) and its salts	---	---	0.010
Twenty-Third batch				
206	1-Vinylimidazole	1072-63-5	214-012-0	0.010
207	2-Methylimidazole	693-98-1	211-765-7	0.010
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.010
209	Dibutylbis(pentane-2,4-dionato -O,O')tin	22673-19-4	245-152-0	0.010
Twenty-Fourth batch				
210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	---	0.010
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	---	---	0.010
Twenty-Fifth batch				
212	1,4-dioxane	123-91-1	204-661-8	0.010
213	2,2-bis(bromomethyl)propane1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/ 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9	0.010
214	3-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	---	---	0.010
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
216	Glutaral	111-30-8	203-856-5	0.010
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]	---	---	0.010
218	Orthoboric acid, sodium salt**	13840-56-7	237-560-2	0.010
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	---	---	0.010
Twenty-Sixth batch				
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)	---	---	0.010
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	204-327-1	0.010
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	0.010
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.010
Twenty-Seventh batch				
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.010
Twenty-Eighth batch				
225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.010
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.010
227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.010
228	Barium diboron tetraoxide**	13701-59-2	237-222-4	0.010

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No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	--	0.010
230	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.010
231	Melamine	108-78-1	203-615-4	0.010
232	Perfluoroheptanoic acid and its salts	--	--	0.010
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	0.010
Twenty-Ninth batch				
234	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.010
235	Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	278-355-8	0.010
Thirty- batch				
236	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.010
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol(UV-329)	3147-75-9	221-573-5	0.010
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.010
239	Bumetrizole(UV-326)	3896-11-5	223-445-4	0.010
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	700-960-7	0.010
Thirty-First batch				
241	Bis(a,a-dimethylbenzyl)peroxide	80-43-3	201-279-3	0.010

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2. <u>According to customer requirements, screening tests were conducted on 13 potential intention SVHC substances submitted by EU member states to the European Chemical Administration (ECHA).</u>

Chemical Substance	Unit	Result
		No.1
All Tested 13 Potential intention SVHCs in Chemical List	%(w/w)	N.D.

13 Potential intention SVHCs Chemical List

No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
Undetermined batch				
1	Hexamethyldisiloxane(HMDS)	107-46-0	203-492-7	0.010
2	Dodecamethylpentasiloxane	141-63-9	205-492-2	0.010
3	Decamethyltetrasiloxane	141-62-8	205-491-7	0.010
4	1,1,1,3,5,5,5- Heptamethyltrisiloxane	1873-88-7	217-496-1	0.010
5	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisilo Xane	17928-28-8	241-867-7	0.010
6	Octamethyltrisiloxane	107-51-7	203-497-4	0.010
7	Perfluamine	338-83-0	206-420-2	0.010
8	O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.010
9	Tris(4-nonylphenyl, branched) phosphite	--	701-028-2	0.010
10	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1- yl]hexanoic acid	2156592-54-8	701-118-1	0.010
11	reaction mass of: thiophosphate and tertiarybutylated phenyl derivatives	192268-65-8	421-820-9	0.010
12	Barium chromate	10294-40-3	233-660-5	0.010
13	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	0.010

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3. According to customer requirements, screen and test 2 Assessing SVHC substances submitted by EU member states to the European Chemical Administration (ECHA).

Chemical Substance	Unit	Result
		No.1
All Tested 2 Assessing SVHCs in Chemical List	%(w/w)	N.D.

2 Assessing SVHCs Chemical List

No.	Chemical Substance Name(s)	CAS No.	EC No.	RL%
Undetermined batch				
1	Resorcinol	108-46-3	203-585-2	0.010
2	Triphenyl phosphate	115-86-6	204-112-2	0.010

Note:

1. . SVHC = Substances of Very High Concern
2. % = percentage by weight
3. N.D. = Not Detected (<Report Limit)
4. RL = Report Limit
5. ** According to the 5.2.1 item of the fourth version of ECHA “Guidance on requirements for substances in articles”, 2017, the selected test methods only show the existence of certain elements rather than the existence of substances, using additional measurements to screen for the existence and identification of substances in a sample when necessary.
6. Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily “the substance” which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the fourth version of ECHA “Guidance on requirements for substances in articles”, 2017.
7. Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA “Guidance on requirements for substances in articles”.
8. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify the European Chemicals Agency(ECHA), In accordance with Article 59(1) of the Regulation if:
   -the substance is present in those articles in quantities totaling over one ton per producer or importer per year;
   -the substance is present in those articles above a concentration of 0.1% weight by weight(w/w).
9. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance

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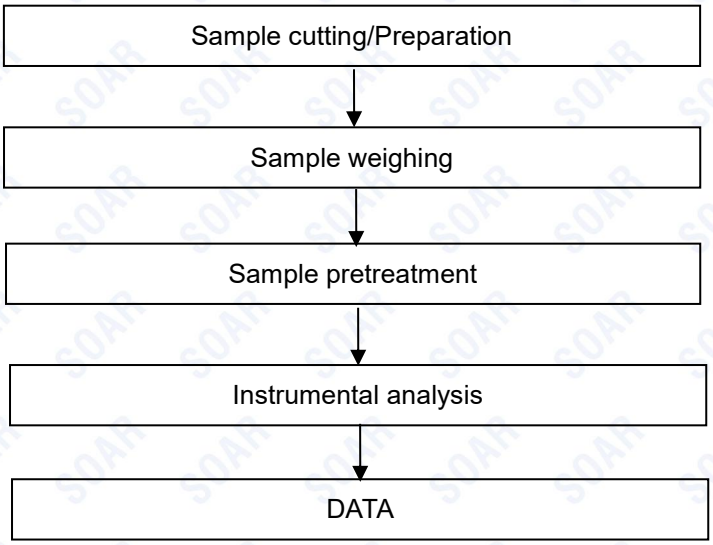
meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, he name of that substance.

Remark:

1. As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.
2. As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

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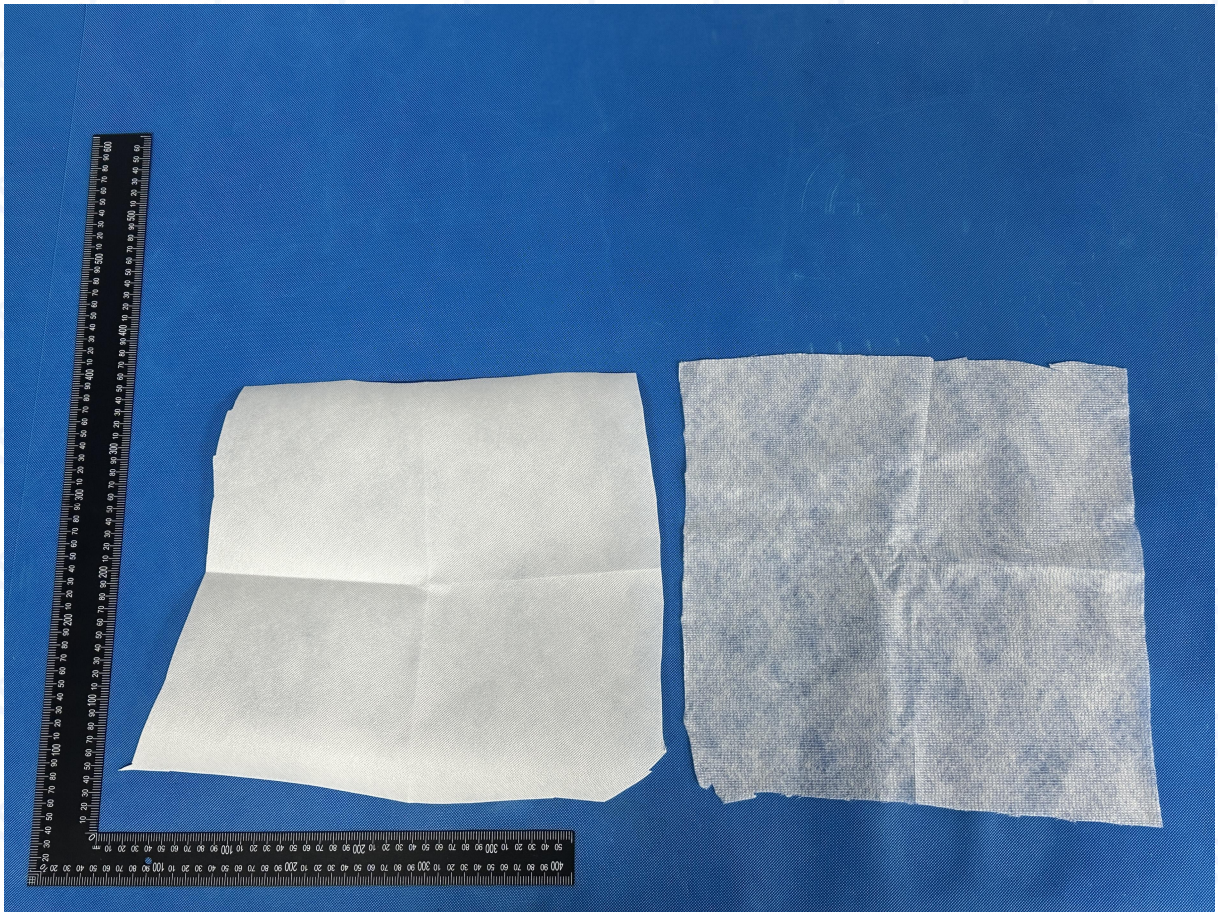
REACH Test Flow Chart



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Post Code: 523945 **Tel:** (86-769) 38937518 **E-mail:** service@soar-cert.com **Website:** http://www.soartestlab.com

Photo of the Sample:



The photo is for use with SOAR original report only.

*** End of Report ***

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