TEST REPORT

No. **8621.SH.2106.0059** Date: **06.11, 2021** Page: **1 / 12**

Applicant	:	ANDUM PROTECTIVE EQUIPMENT TECHNOLOGY (CHANGZHOU) CO., LTD.
Address	:	NO. 216, QIANJIE, HENGSHANQIAO TOWN, CHANGZHOU ECONOMIC ZONE, CHANGZHOU, JIANGSU, CHINA.

Below information submitted by the applicant:

Product Name	:	Red, black and yellow Mask
Model	:	AD-1001
Model may cover	:	/
Reference info.	:	/
Manufacturer info.	:	/
Supplier info.	:	/
Buyer info.	:	/
Country of Destination	:	/
Country of Origin	:	China

Sample Received	:	06.09, 2021
Test Period	:	06.09, 2021 – 06.11, 2021
Test Requirement	:	Refer to next pages
Test Method	:	Refer to next pages
Test Result	:	Refer to next pages
Test Conclusion	:	Refer to next pages

TUV THURINGEN SHANGHAI TESTING Jordan Wang TÜV THÜRINGEN

Signed for and on behalf of
Jordan Wang, General Manager
BU Chemical Compliance
TUV THURINGEN (SHANGHAI) CO., LTD.
Location: Shanghai

TEST RESULTS

As requested by the client, test items as below:

	Test Items	Verdict
1.	According to European Commission Regulation 1907/2006 (concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC), to test the SVHC content which have been listed in ECHA's SVHC candidate list till Jan.19, 2021 http://echa.europa.eu/web/guest/candidate-list-table - REACH SVHC content in candidate list till 2021.01.19, less than 0.1%	PASS

SAMPLE DESCRIPTION

Sample description : 1#. Color Mask

TEST RESULTS

1, REACH SVHC in candidate lists

Test Method: In-house method with reference to EPA: 8270D, 3052, 6010C, 3550C, 8321B, EN14362, DIN EN ISO 17353, IEC 62321, AfPS GS 2019:01 and EN 14582 etc

Abbr.: MDL, means Method Detection Limit; N.D. = Not Detected, means the content is less than MDL.

Seq. Test Item(s)	Units	MDL	Results
			1#
All tested SVHC in candidate lists	---	---	N.D.

Test Parameter& MDL for SVHC listed in candidate lists

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
1	2,4-Dinitrotoluene	204-450-0	121-14-2	0.01
2	2-Ethoxyethanol	203-804-1	110-80-5	0.005
3	2-Methoxyethanol	203-713-7	109-86-4	0.005
4	4,4'- Diaminodiphenylmethane(MDA)	202-974-4	101-77-9	0.005
5	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	201-329-4	81-15-2	0.005
6	Acrylamide	201-173-7	79-06-1	0.01
7	Alkanes, C_{10-13}, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	0.005
8	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al_2O_3 and SiO_2 are present within the following concentration ranges: Al_2O_3: 43.5 – 47 % w/w, and SiO_2: 49.5 – 53.5 % w/w, or Al_2O_3: 45.5 – 50.5 % w/w, and SiO_2: 48.5 – 54 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm)***	---	---	0.01

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
9	Ammonium dichromate*	232-143-1	7789-09-5	0.01
10	Anthracene	204-371-1	120-12-7	0.005
11	Anthracene oil	292-602-7	90640-80-5	0.01
12	Anthracene oil, anthracene paste	292-603-2	90640-81-6	0.01
13	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	0.01
14	Anthracene oil, anthracene paste; distn. Lights	295-278-5	91995-17-4	0.01
15	Anthracene oil, anthracene-low	292-604-8	90640-82-7	0.01
16	Benzyl butyl phthalate(BBP)	201-622-7	85-68-7	0.005
17	Bis(2-ethylhexyl)phthalate(DEHP)	204-211-0	117-81-7	0.005
18	Bis(tributyltin)oxide(TBTO)**	200-268-0	56-35-9	0.005
19	Boric acid*	233-139-2 / 234-343-4	10043-35-3 / 11113-50-1	0.01
20	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	231-801-5 - 236-881-5	7738-94-5 - 13530-68-2	0.01
21	Chromium trioxide*	215-607-8	1333-82-0	0.01
22	Cobalt dichloride*	231-589-4	7646-79-9	0.01
23	Cobalt(II) carbonate*	208-169-4	513-79-1	0.01
24	Cobalt(II) diacetate*	200-755-8	71-48-7	0.01
25	Cobalt(II) dinitrate*	233-402-1	10141-05-6	0.01
26	Cobalt(II) sulphate*	233-334-2	10124-43-3	0.01
27	Diarsenic pentaoxide*	215-116-9	1303-28-2	0.01
28	Diarsenic trioxide*	215-481-4	1327-53-3	0.01
29	Dibutyl Phthalate(DBP)	201-557-4	84-74-2	0.005
30	Diisobutyl Phthalate(DIBP)	201-553-2	84-69-5	0.01
31	Disodium tetraborate, anhydrous*	215-540-4	1303-96-4/ 1330-43-4/ 12179-04-3	0.01
32	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	0.005
33	Lead chromate*	231-846-0	7758-97-6	0.01
34	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	235-759-9	12656-85-8	0.01
35	Lead hydrogen arsenate*	232-064-2	7784-40-9	0.01
36	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	215-693-7	1344-37-2	0.01
37	Coal tar pitch, high temperature	266-028-2	65996-93-2	0.01
38	Potassium chromate*	232-140-5	7789-00-6	0.01

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
39	Potassium dichromate*	231-906-6	7778-50-9	0.01
40	Sodium chromate*	231-889-5	7775-11-3	0.01
41	Sodium dichromate*	234-190-3	7789-12-0/ 10588-01-9	0.01
42	Tetraboron disodium heptaoxide, hydrate*	235-541-3	12267-73-1	0.01
43	Trichloroethylene	201-167-4	79-01-6	0.01
44	Triethyl arsenate*	427-700-2	15606-95-8	0.01
45	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	0.01
46	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al_2O_3, SiO_2 and ZrO_2 are present within the following concentration ranges: Al_2O_3: 35 – 36 % w/w, and SiO_2: 47.5 – 50 % w/w, and ZrO_2: 15 - 17 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm)***	---	---	0.01
47	2-ethoxyethyl acetate	203-839-2	111-15-9	0.01
48	Strontium chromate*	232-142-6	7789-06-2	0.01
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	0.01
50	Hydrazine	206-114-9	7803-57-8 302-01-2	0.01
51	1-methyl-2-pyrrolidone	212-828-1	872-50-4	0.01
52	1,2,3-trichloropropane	202-486-1	96-18-4	0.01
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich	276-158-1	71888-89-6	0.01
54	Lead dipicrate*	229-335-2	6477-64-1	0.01
55	Lead styphnate*	239-290-0	15245-44-0	0.01
56	Lead azide Lead diazide*	236-542-1	13424-46-9	0.01
57	Phenolphthalein	201-004-7	77-09-8	0.01
58	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	0.01
59	N,N-dimethylacetamide	204-826-4	127-19-5	0.01
60	Trilead diarsenate*	222-979-5	3687-31-8	0.01
61	Calcium arsenate*	231-904-5	7778-44-1	0.01
62	Arsenic acid*	231-901-9	7778-39-4	0.01
63	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	0.01
64	1,2-Dichloroethane	203-458-1	107-06-2	0.01

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
65	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	0.01
66	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	0.01
67	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	0.01
68	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	0.01
69	Pentazinc chromate octahydroxide*	256-418-0	49663-84-5	0.01
70	Potassium hydroxyoctaoxodizincatedi-chromate*	234-329-8	11103-86-9	0.01
71	Dichromium tris(chromate)*	246-356-2	24613-89-6	0.01
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	0.01
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	0.01
74	Diboron trioxide*	215-125-8	1303-86-2	0.01
75	Formamide	200-842-0	75-12-7	0.01
76	Lead(II) bis(methanesulfonate) *	401-750-5	17570-76-2	0.01
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	219-514-3	2451-62-9	0.01
78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	423-400-0	59653-74-6	0.01
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	202-027-5	90-94-8	0.01
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler'sbase)	202-959-2	101-61-1	0.01
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylam monium 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)]* ****	208-953-6	548-62-9	0.01
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) *[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]* ****	219-943-6	2580-56-5	0.01
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)]* ****	229-851-8	6786-83-0	0.01
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol *[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]* ****	209-218-2	561-41-1	0.01
85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	0.01
86	Pentacosafluorotridecanoic acid	276-745-2	72629-94-8	0.01
87	Tricosafluorododecanoic acids	206-203-2	307-55-1	0.01
88	Henicosafluoroundecanoic acid	218-165-4	2058-94-8	0.01
89	Heptacosafluorotetradecanoic acid	206-803-4	376-06-7	0.01
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	---	---	0.01
91	4-Nonylphenol, branched and linear -substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB-	---	---	0.01

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
	and well-defined substances which include any of the individual isomers or a combination thereof			
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	0.01
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	201-604-9	85-42-7	0.01
94	Hexahydromethylphathalic anhydride,Hexahydro-4-methylphathalic anhydride,Hexahydro-1-methylphathalic anhydride,Hexahydro-3-methylphathalic anhydride	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	0.01
95	Methoxy acetic acid	210-894-6	625-45-6	0.01
96	1,2-Benzenedicarboxylic acid, dipentylester,branched and linear	284-032-2	84777-06-0	0.01
97	Diisopentylphthalate (DIPP)	210-088-4	605-50-5	0.01
98	N-pentyl-isopentylphtalate	---	---	0.01
99	1,2-Diethoxyethane	211-076-1	629-14-1	0.01
100	N,N-dimethylformamide; dimethyl formamide	200-679-5	68-12-2	0.01
101	Dibutyltin dichloride (DBT)	211-670-0	683-18-1	0.01
102	Acetic acid, lead salt, basic*	257-175-3	51404-69-4	0.01
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)*	215-290-6	1319-46-6	0.01
104	Lead oxide sulfate (basic lead sulfate)*	234-853-7	12036-76-9	0.01
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	273-688-5	69011-06-9	0.01
106	Dioxobis(stearato)trilead*	235-702-8	12578-12-0	0.01
107	Fatty acids, C16-18, lead salts*	292-966-7	91031-62-8	0.01
108	Lead bis(tetrafluoroborate)*	237-486-0	13814-96-5	0.01
109	Lead cynamidate*	244-073-9	20837-86-9	0.01
110	Lead dinitrate*	233-245-9	10099-74-8	0.01
111	Lead oxide (lead monoxide)*	215-267-0	1317-36-8	0.01
112	Lead tetroxide (orange lead)*	215-235-6	1314-41-6	0.01
113	Lead titanium trioxide*	235-038-9	12060-00-3	0.01
114	Lead Titanium Zirconium Oxide*	235-727-4	12626-81-2	0.01
115	Pentalead tetraoxide sulphate*	235-067-7	12065-90-6	0.01
116	Pyrochlore, antimony lead yellow*	232-382-1	8012-00-8	0.01
117	Silicic acid, barium salt, lead-doped*	272-271-5	68784-75-8	0.01
118	Silicic acid, lead salt*	234-363-3	11120-22-2	0.01
119	Sulfurous acid, lead salt, dibasic*	263-467-1	62229-08-7	0.01
120	Tetraethyllead*	201-075-4	78-00-2	0.01
121	Tetralead trioxide sulphate*	235-380-9	12202-17-4	0.01
122	Trilead dioxide phosphonate*	235-252-2	12141-20-7	0.01

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
123	Furan	203-727-3	110-00-9	0.01
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2	75-56-9	0.01
125	Diethyl sulphate	200-589-6	64-67-5	0.01
126	Dimethyl sulphate	201-058-1	77-78-1	0.01
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	0.01
128	Dinoseb	201-861-7	88-85-7	0.01
129	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	0.01
130	4,4'-oxydianiline and its salts	202-977-0	101-80-4	0.01
131	4-Aminoazobenzene	200-453-6	60-09-3	0.01
132	4-methyl-m-phenylenediamine (toluene -2,4 -diamine)	202-453-1	95-80-7	0.01
133	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	0.01
134	Biphenyl-4-ylamine	202-177-1	92-67-1	0.01
135	O-aminoazotoluene	202-591-2	97-56-3	0.01
136	O-Toluidine	202-429-0	95-53-4	0.01
137	N-methylacetamide	201-182-6	79-16-3	0.01
138	1-bromopropane(n-propyl bromide)	203-445-0	106-94-5	0.01
139	Cadmium*	231-152-8	7440-43-9	0.01
140	Cadmium oxide*	215-146-2	1306-19-0	0.01
141	Ammonium pentadecafluorooctanoate(APFO)	223-320-4	3825-26-1	0.01
142	Pentadecafluorooctanoic acid(PFOA)	206-397-9	335-67-1	0.01
143	Dipentyl phthalate(DPP)	205-017-9	131-18-0	0.01
144	4-Nonylphenol, branched and linear,ethoxylated	---	---	0.01
145	Cadmium sulphide*	215-147-8	1306-23-6	0.01
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	0.03
147	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)	217-710-3	1937-37-7	0.03
148	Dihexyl phthalate	201-559-5	84-75-3	0.01
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	0.03
150	Lead di(acetate) *	206-104-4	301-04-2	0.01
151	Trixylyl phosphate	246-677-8	25155-23-1	0.01
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	0.01
153	Sodium perborate; perboric acid, sodium salt *	239-172-9; 234-390-0	---	0.01
154	Sodium peroxometaborate*	231-556-4	7632-04-4	0.01

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
155	Cadmium chloride*	233-296-7	10108-64-2	0.01
156	Cadmium Fluoride	232-222-0	7790-79-6	0.01
157	Cadmium Sulphate	233-331-6	10124-36-4 31119-53-6	0.01
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	0.01
159	2-(2H-benzotrial-2-yl)-4,6-diterpentlphenol (UV-328)	247-384-8	25963-55-1	0.01
160	2-ethylhexyl-10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(DOTE)	239-622-4	15571-58-1	0.01
161	Reaction mass of 2-ethylhexyl-10-ethyl-4,4- dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoatetradecanoate (reaction mass of DOTE and MOTE)	-	-	0.01
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)	271-049-0 272-013-1	68515-51-5 68648-93-1	0.01
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	-	0.01
164	1,3-propanesultone	214-317-9	1120-71-4	0.01
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	0.01
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	0.01
167	Nitrobenzene	202-716-0	98-95-3	0.01
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1 21049-39-8 4149-60-4	0.01
169	Benzo(def)chrysene	200-028-5	50-32-8	0.01
170	4,4-isopropylidenediphenol (Bisphenol A)	201-245-8	80-05-7	0.01
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3 221-470-5	3108-42-7 335-76-2 3830-45-3	0.01
172	4-heptylphenol, branched and linear (4-HPbl)	-	-	0.01
173	4-tert-penylphenol (PTAP)	201-280-9	80-46-6	0.01
174	Perfluorohexane-1-sulphonic acid and its salts	206-587-1	355-46-4	0.01
175	Dechlorane Plus(TM) and reaction products of 1,3,4-thiadiazolidine-2,5-dithione	/	13560-89-9 135821-74-8 135821-03-3	0.01
176	benz[a]anthracene	200-280-6	56-55-3	0.01
177	cadmium nitrate	233-710-6	10325-94-7	0.01
178	cadmium carbonate	208-168-9	513-78-0	0.01
179	cadmium hydroxide	244-168-5	21041-95-2	0.01
180	chrysene	205-923-4	218-01-9	0.01
181	formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	/	/	0.01
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimelliticanhydride)	209-8-0	552-30-7	0.01

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)
183	Benzo[ghi]perylene	205-883-8	191-24-2	0.005
184	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	0.005
185	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7	0.01
186	Disodium octaborate	234-541-0	12008-41-2	0.005
187	Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6	0.005
188	Ethylenediamine	203-468-6	107-15-3	0.01
189	Lead	231-100-4	7439-92-1	0.005
190	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	0.005
191	Terphenyl hydrogenated	262-967-7	61788-32-7	0.005
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	0.005
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	0.005
194	Benzo[k]fluoranthene	205-916-6	207-08-9	0.005
195	Fluoranthene	205-912-4	206-44-0 93951-69-0	0.005
196	Phenanthrene	201-581-5	85-01-8	0.005
197	Pyrene	204-927-3	129-00-0 1718-52-1	0.005
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	---	---	0.01
199	2-methoxyethyl acetate	203-772-9	110-49-6	0.01
200	4-tert-butylphenol	202-679-0	98-54-4	0.01
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	---	---	0.01
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	0.01
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	0.01
204	Diisohexyl phthalate	276-090-2	71850-09-4	0.01
205	Perfluorobutane sulfonic acid (PFBS) and its salts	---	---	0.01
206	1-vinylimidazole	214-012-0	1072-63-5	0.01
207	2-methylimidazole	211-765-7	693-98-1	0.01
208	Butyl 4-hydroxybenzoate	202-318-7	94-26-8	0.01
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	0.01
210	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	0.01
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	---	---	0.01

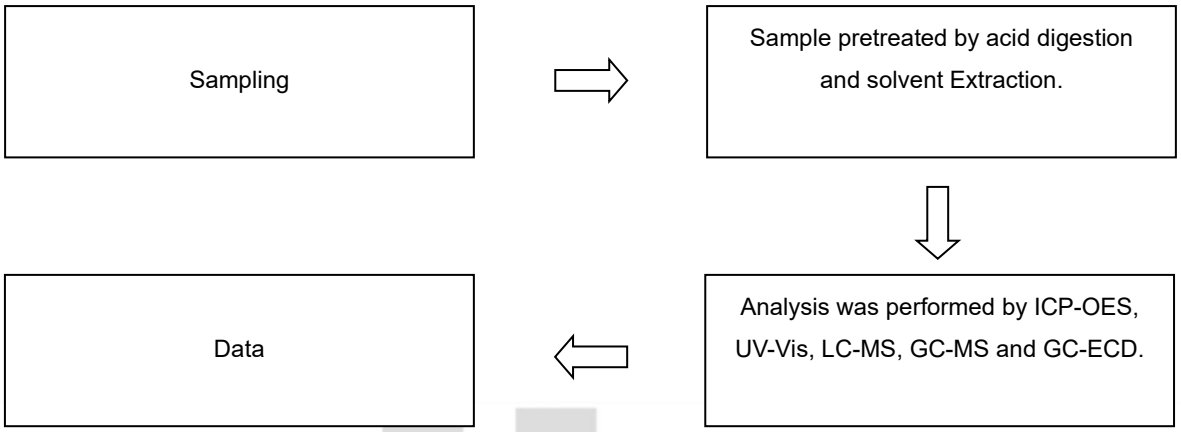
******** To be continued ********

Remark 1 **1)** In accordance with Regulation(EC) No. 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:
(a) the substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year;
(b) the substance is present in those articles above a concentration of 0,1 % weight by weight (w/w).
2) From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (w/w) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.

Remark 2 **1)*** Calculated concentration of cobalt dichloride, cobalt(II) sulphate, cobalt(II) dinitrate, cobalt(II) carbonate and cobalt(II) diacetate is based on the identified heavy metal and anion result. Calculated concentration of diarsenic pentaoxide, diarsenic trioxide,chromium trioxide,sodium dichromate, dehydrate, lead hydrogen arsenate, triethyl arsenate, lead chromate, sodium chromate, strontium chromate ,potassium chromate, ammonium dichromate,potassium dichromate, lead chromate molybdate sulfate red, lead sulfochromate yellow and acids generated from chromium trioxide and their oligomers, Lead dipicrate, Lead styphnate, Lead azide Lead diazide, Trilead diarsenate , Calcium arsenate , Arsenic acid , Potassium hydroxyoctaoxodizincatedi-chromate, Dichromium tris(chromate), Pentazinc chromate octahydroxide, Lead(II) bis(methanesulfonate), Diboron trioxide ,Acetic acid, lead salt, basic, Basic lead carbonate (trilead bis(carbonate)dihydroxide), Lead oxide sulfate (basic lead sulfate), [Phthalato(2-)]dioxotrilead (dibasic lead phthalate), Dioxobis(stearato)trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Lead cynamidate, Lead dinitrate, Lead oxide (lead monoxide), Lead tetroxide (orange lead), Lead titanium trioxide, Lead Titanium Zirconium Oxide , Pentalead tetraoxide sulphate , Pyrochlore, antimony lead yellow ,Silicic acid, barium salt, lead-doped , Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetralead trioxide sulphate, Trilead dioxide phosphonate,Cadmium,Cadmium oxide,Cadmium sulphide and Lead di(acetate), Cadmium chloride are based on the identified heavy metal result,boric acid, disodium tetraborate, anhydrous and tetraboron disodium heptaoxide, hydrate , Sodium perborate; perboric acid, sodium salt , Sodium peroxometaborate are based on the identified result of boron and sodium result. The identities of above metal substances present in the article have to be further confirmed;
2)** Concentration of bis(tributyltin)oxide, TBTO is reported as tributyltin, TBT. The result is a screening test of TBTO and can cover TBTO and other salts under current technologies. Further investigation is needed to have the exact amount of TBTO;
3)*** Calculated concentration of Aluminosilicate, Refractory Ceramic Fibres ;Zirconia Aluminosilicate, Refractory Ceremic Fibres is based on the identified heavy metal result and confirmation by microscope;
4) ******The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration ≥ 0.1% (weight / weight);
5) N.D. = Not detected, less than MDL.

******** To be continued ********

FLOW CHART



***** To be continued *****

SAMPLE IMAGE

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

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