Beide
Compliance Laboratory

Applicant :

Address :

Client No. : 05753583

Manufacturer :

Address :

Report on the submitted sample said to be

Sample Name	: Plastic Tube
Model No.	: 13-60
Sample Model	: 13-60
Sample Received Date	: Sep. 08, 2015
Complete Date	: Sep. 14, 2015
Test Specification	: 163 Substances of Very High Concern (SVHC) testing Based on the list published by European Chemicals Agency (ECHA)
Conclusion	: According to the specified scope and analytical techniques, the concentration of each of the 163 SVHC is <0.1%(w/w) in the submitted sample(s).

Company No.07113834

******FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)******

Written by: (Anna) Inspected by: (Joseph) Approved by (Robert)

Beide (UK) Product Service Limited
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Test Result(s): (Unit: ppm)

No.	SVHC	CAS Number	EC Number	Unit	MDL	A
1	2,4-Dinitrotoluene	121-14-2	204-450-0	%	0.020	N.D.
2	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	202-974-4	%	0.020	N.D.
3	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	201-329-4	%	0.020	N.D.
4	Acrylamide	79-06-01	201-173-7	%	0.020	N.D.
5	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.020	N.D.
6	Ammonium dichromate*	7789-09-5	232-143-1	%	0.020	N.D.
7	Anthracene	120-12-7	204-371-1	%	0.020	N.D.
8	Anthracene oil**	90640-80-5	292-602-7	%	0.020	N.D.
9	Anthracene oil, anthracene paste**	90640-81-6	292-603-2	%	0.020	N.D.
10	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	295-275-9	%	0.020	N.D.
11	Anthracene oil, anthracene paste,distn. Lights**	91995-17-4	295-278-5	%	0.020	N.D.
12	Anthracene oil, anthracene-low**	90640-82-7	292-604-8	%	0.020	N.D.
13	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.020	N.D.
14	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	%	0.020	N.D.
15	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	%	0.020	N.D.
16	Boric acid*	10043-35-3 11113-50-1	233-139-2 234-343-4	%	0.020	N.D.
17	Cobalt dichloride*	7646-79-9	231-589-4	%	0.020	N.D.
18	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.020	N.D.
19	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.020	N.D.
20	Dibutyl phthalate (DBP)	84-74-2	201-557-4	%	0.020	N.D.
21	Diisobutyl phthalate	84-69-5	201-553-2	%	0.020	N.D.
22	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3	215-540-4	%	0.020	N.D.
23	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD) Δ	25637-99-4 and 3194-55-6	247-148-4 and 221-695-9	%	0.020	N.D.
24	Lead chromate*	7758-97-6	231-846-0	%	0.020	N.D.

No.	SVHC	CAS Number	EC Number	Unit	MDL	A
25	Lead chromate molybdate sulphate red (C.I.Pigment Red 104)*	12656-85-8	235-759-9	%	0.020	N.D.
26	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.020	N.D.
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	215-693-7	%	0.020	N.D.
28	Pitch, coal tar, high temp.**	65996-93-2	266-028-2	%	0.020	N.D.
29	Potassium chromate*	7789-00-6	232-140-5	%	0.020	N.D.
30	Potassium dichromate*	7778-50-9	231-906-6	%	0.020	N.D.
31	Sodium chromate*	7775-11-3	231-889-5	%	0.020	N.D.
32	Sodium dichromate*	7789-12-0 and 10588-01-9	234-190-3	%	0.020	N.D.
33	Tetraboron disodium heptaoxide,hydrate*	12267-73-1	235-541-3	%	0.020	N.D.
34	Trichloroethylene	79-01-6	201-167-4	%	0.020	N.D.
35	Triethyl arsenate*	15606-95-8	427-700-2	%	0.020	N.D.
36	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	%	0.020	N.D.
37	Cobalt(II) sulphate	10124-43-3	233-334-2	%	0.020	N.D.
38	Cobalt(II) dinitrate	10141-05-6	233-402-1	%	0.020	N.D.
39	Cobalt(II) carbonate	513-79-1	208-169-4	%	0.020	N.D.
40	Cobalt(II) diacetate	71-48-7	200-755-8	%	0.020	N.D.
41	2-Methoxyethanol	109-86-4	203-713-7	%	0.020	N.D.
42	2-Ethoxyethanol	110-80-5	203-804-1	%	0.020	N.D.
43	Chromium trioxide	1333-82-0	215-607-8	%	0.020	N.D.
44	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	%	0.020	N.D.
45	2-ethoxyethyl acetate	111-15-9	203-839-2	%	0.020	N.D.
46	Strontium chromate**	7789-6-2	232-142-6	%	0.020	N.D.

No.	SVHC	CAS Number	EC Number	Unit	MDL	A
47	1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	%	0.020	N.D.
48	Hydrazine	7803-57-8 302-01-2	206-114-9	%	0.020	N.D.
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	%	0.020	N.D.
50	1,2,3-trichloropropane	96-18-4	202-486-1	%	0.020	N.D.
51	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	%	0.020	N.D.
52	Dichromium tris(chromate)**	24613-89-6	246-356-2	%	0.020	N.D.
53	Potassium hydroxyoctaoxodizincatedi-chromate**	11103-86-9	234-329-8	%	0.020	N.D.
54	Pentazinc chromate octahydroxide**	49663-84-5	256-418-0	%	0.020	N.D.
55	Aluminosilicate Refractory Ceramic Fibres (RCF)**	-	-	%	0.020	N.D.
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	-	%	0.020	N.D.
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	%	0.020	N.D.
58	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	%	0.020	N.D.
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	%	0.020	N.D.
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-458-1	%	0.020	N.D.
61	1,2-Dichloroethane	107-06-2	203-458-1	%	0.020	N.D.
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	%	0.020	N.D.
63	Arsenic acid**	7778-39-4	231-901-9	%	0.020	N.D.
64	Calcium arsenate**	7778-44-1	231-904-5	%	0.020	N.D.
65	Trilead diarsenate**	3687-31-8	222-979-5	%	0.020	N.D.
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	%	0.020	N.D.
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	%	0.020	N.D.
68	Phenolphthalein	77-09-8	201-004-7	%	0.020	N.D.
69	Lead azide Lead diazide	13424-46-9	236-542-1	%	0.020	N.D.

No.	SVHC	CAS Number	EC Number	Unit	MDL	A
70	Lead styphnate	15245-44-0	239-290-0	%	0.020	N.D.
71	Lead dipicrate	6477-64-1	229-335-2	%	0.020	N.D.
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	%	0.020	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	%	0.020	N.D.
74	Diboron trioxide	1303-86-2	215-125-8	%	0.020	N.D.
75	Formamide	75-12-7	200-842-0	%	0.020	N.D.
76	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	%	0.020	N.D.
77	(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	%	0.020	N.D.
78	β-TGIC (1,3,5-tris[(2S and2R)-2,3-epoxypropyl]-1,3,5-triazine-2, 4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	%	0.020	N.D.
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	%	0.020	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	%	0.020	N.D.
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	208-953-6	%	0.020	N.D.
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammoniumchloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	%	0.020	N.D.
83	α ,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4	6786-83-0	229-851-8	%	0.020	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	%	0.020	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	%	0.020	N.D.
86	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	%	0.020	N.D.
87	Tricosafluorododecanoic acid	307-55-1	206-203-2	%	0.020	N.D.
88	Henicosafluoroundecanoic acid	2058-95-8	218-165-4	%	0.020	N.D.
89	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	%	0.020	N.D.

No.	SVHC	CAS Number	EC Number	Unit	MDL	A
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	–	--	%	0.020	N.D.
91	4-Nonylphenol, branched and linear	–	--	%	0.020	N.D.
92	Diazene-1,2-dicarboxamide	123-77-3	204-650-8	%	0.020	N.D.
93	Cis-cyclohexane-1,2-dicarboxylic anhydride	13149-00-3	236-086-3	%	0.020	N.D.
94	Hexahydromethylphathalic anhydride	25550-51-0	247-094-1	%	0.020	N.D.
95	Methoxy acetic acid	625-45-6	210-894-6	%	0.020	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	%	0.020	N.D.
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	%	0.020	N.D.
98	N-pentyl-isopentylphtalate	775297-69-9	--	%	0.020	N.D.
99	1,2-Diethoxyethane	29-14-1	211-076-1	%	0.020	N.D.
100	N,N-dimethylformamide (DMFa)	68-12-2	200-679-5	%	0.020	N.D.
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	%	0.020	N.D.
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	%	0.020	N.D.
103	Trilead bis(carbonate) dihydroxide	1319-46-6	215-290-6	%	0.020	N.D.
104	lead oxide sulphate	12036-76-9	234-853-7	%	0.020	N.D.
105	[Phthalato(2-)]dioxotrilead(dibasic lead phthalate)	69011-06-9	273-688-5	%	0.020	N.D.
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	%	0.020	N.D.
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	%	0.020	N.D.
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	%	0.020	N.D.
109	Lead cynamidate	20837-86-9	244-073-9	%	0.020	N.D.
110	Lead dinitrate	10099-74-8	233-245-9	%	0.020	N.D.
111	Lead monoxide	1317-36-8	215-267-0	%	0.020	N.D.
112	Lead tetroxide (orange lead)	1314-41-6	215-235-6	%	0.020	N.D.

No.	SVHC	CAS Number	EC Number	Unit	MDL	A
113	Lead titanium trioxide	12060-00-3	235-038-9	%	0.020	N.D.
114	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	%	0.020	N.D.
115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	%	0.020	N.D.
116	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	%	0.020	N.D.
117	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	%	0.020	N.D.
118	Silicic acid, lead salt	11120-22-2	234-363-3	%	0.020	N.D.
119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	%	0.020	N.D.
120	Tetraethyllead	78-00-2	201-075-4	%	0.020	N.D.
121	Tetralead trioxide sulphate	12202-17-4	235-380-9	%	0.020	N.D.
122	Trilead dioxide phosphonate	12141-20-7	235-252-2	%	0.020	N.D.
123	Furan	110-00-9	203-727-3	%	0.020	N.D.
124	Propylene oxide	75-56-9	200-879-2	%	0.020	N.D.
125	Diethyl sulphate	64-67-5	200-589-6	%	0.020	N.D.
126	Dimethyl sulphate	77-78-1	201-058-1	%	0.020	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	%	0.020	N.D.
128	Dinoseb	88-85-7	201-861-7	%	0.020	N.D.
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	%	0.020	N.D.
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	%	0.020	N.D.
131	4-Aminoazobenzene	60-09-3	200-453-6	%	0.020	N.D.
132	2,4-toluene-diamine	95-80-7	202-453-1	%	0.020	N.D.
133	p-cresidine	120-71-8	204-419-1	%	0.020	N.D.
134	Biphenyl-4-ylamine	92-67-1	202-177-1	%	0.020	N.D.
135	o-aminoazotoluene	97-56-3	202-591-2	%	0.020	N.D.
136	o-Toluidine	95-53-4	202-429-0	%	0.020	N.D.
137	N-methylacetamide	79-16-3	201-182-6	%	0.020	N.D.
138	1-bromopropane	106-94-5	203-445-0	%	0.020	N.D.

No.	SVHC	CAS Number	EC Number	Unit	MDL	A
139	Cadmium	7440-43-9	231-152-8	%	0.020	N.D.
140	Cadmium oxide	1306-19-0	215-146-2	%	0.020	N.D.
141	Ammonium pentadecafluorooctanate	3825-26-1	223-320-4	%	0.020	N.D.
142	perfluorooctanoic acid	335-67-1	206-397-9	%	0.020	N.D.
143	Dipentyl phthalate	131-18-0	205-017-9	%	0.020	N.D.
144	Nonylphenoxypoly(ethyleneoxy)ethanol	-	-	%	0.020	N.D.
145	Cadmium sulphide	1306-23-6	215-147-8	%	0.020	N.D.
146	Dihexyl phthalate	84-75-3	201-559-5	%	0.020	N.D.
147	C.I. Direct Red 28	573-58-0	209-358-4	%	0.020	N.D.
148	C.I. Direct Black 38	1937-37-7	217-710-3	%	0.020	N.D.
149	2-imidazoline-2-thiol	96-45-7	202-506-9	%	0.020	N.D.
150	Lead di(acetate)	301-04-2	206-104-4	%	0.020	N.D.
151	Trixylyl phosphate	25155-23-1	246-677-8	%	0.020	N.D.
152	1, 2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	%	0.020	N.D.
153	Cadmium chloride*	10108-64-2	233-296-7	%	0.020	N.D.
154	Sodium perborate; perboric acid, sodium salt*	-	239-172-9; 234-390-0	%	0.020	N.D.
155	Sodium peroxometaborate*	7632-4-4	231-556-4	%	0.020	N.D.
156	Cadmium fluoride	7790-79-6	232-222-0	%	0.020	N.D.
157	Cadmium sulphate	10124-36-4, 31119-53-6	233-331-6	%	0.020	N.D.
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	%	0.020	N.D.
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	%	0.020	N.D.
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	%	0.020	N.D.
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)	-	-	%	0.020	N.D.

No.	SVHC	CAS Number	EC Number	Unit	MDL	A
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	68515-51-5, 68648-93-1	-	%	0.020	N.D.
163	5-sec-butyl-2-(2,4-dimethylcyclohx-3-en-1-yl) -5-methyl-1,3-dioxane[1], 5-sec-buty1-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methy1-1,3-dioxane[2] [covering any of the individual isomersof [1] and [2] or any combination thereof]	-	-	%	0.020	N.D.

Note 1:

Code	Description	Sample Name
A	Non-metal mixed	Plastic Tube

- %=10000ppm
- MDL=Method Detection Limit
-N.D. = Not detected<MDL
- N.C. = Not conduct, because the product is metal, it can't have the organic compound, it needn't to be tested
-**The substance is calculated by using the test results of element (Ex. Tin, Arsenic, Lead, Cobalt or Cr (VI), Molybdenum, aluminum, silicon, zirconium respectively). If the sample contains total Cobalt, it needs further test the Chlorine content to make sure whether it includes Cobalt dichloride or not.

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Note 2:

(1) The chemical analysis of 163 SVHC is performed by means of currently available analytical Techniques against the list published by EACH on October 28, 2008, January 13, 2010, June 18, 2010, December 15, 2010, June 20, 2011, December 19, 2011, June 18, 2012, December 19, 2012, June 20, 2013, December 16, 2013, June 16, 2014, December 17, 2014 and March 02, 2015. This list is under evaluation by ECHA and may subject to change in the future.

(2) As specified by client, based on the list published by European chemicals agency (ECHA) for public consultation regarding regulation (EC) No 1907/2006 concerning the REACH, to determine the seven potential substances of very high concern(SVHC) content in the submitted sample.

(3) 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) of the Regulation, if (a) the substance is present in those articles in an amount totaling over 1 tonne per year per producer or importer; and (b) the substance is present in those articles above concentration 0.1% weight by weight (w/w).

(4) 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 article including, as a minimum, the name of that substance.

Photo of the sample

***End of Report**

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