

**TEST REPORT**

**REPORT NUMBER:** TURT190151859  
**APPLICANT NAME** Uglichsyk Zavod Polimerov LLC  
**ADDRESS** Yaroslavskaaya AreaUglich, Kamyshevskoe highway 4 RUSSIAN FEDERATION  
Tel:007 49532 24534  
**Andrey Kuznetsov (andrey.kuznetsov@tuboflex.ru)**  
**SAMPLE DESCRIPTION** SEE ATTACHMENT  
**DATE IN :** 23 August, 2019 (13:53)  
**DATE OUT :** 06 September, 2019  
**BUYER'S REGION :** EUROPE  
**COUNTRY OF ORIGIN :** RUSSIA  
**REQUEST :** SVHC Screening Test regarding REACH Regulation (EC) No. 1907/2006 for updated SVHC List of 16 July, 2019

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>. Testing reports without signature are not valid. The sample has been provided by the customer and the results apply to the sample as received. Sample information is supplied by the customer. Unless otherwise requested, this laboratory applies shared risk decision rule.



Merve AYDOĞAN  
Customer Care Executive



Zeynep AKIN  
Chemical Laboratory Manager

Test Method	Result	Requirements
-------------	--------	--------------

PART	DESCRIPTION
<b>1</b>	COMPONENTS (PARTS) OF INLET HOSE FOR WASHING MACHINE
<b>1.1</b>	GREY GRANULE
<b>1.2</b>	BLACK GRANULE
<b>1.3</b>	BLACK PLASTIC ITEM
<b>1.4</b>	NAVY PLASTIC ITEM
<b>1.5</b>	METAL ITEM
<b>1.6</b>	WHITE SHORT PLASTIC ITEM
<b>1.7</b>	WHITE PLASTIC ITEM
<b>1.8</b>	WHITE TEXTILE PART

Test Method	Result	Requirements
-------------	--------	--------------

**Sample:**

**Part 1.1**



**Weight :1.7 g**

**Part 1.2**



**Weight :1.8 g**

**Part 1.3**



**Weight :1.89 g**

**Part 1.4**



**Weight :1.35 g**

**Part 1.5**



**Weight :2.53 g**

**Part 1.6**



**Weight :1.42 g**

**Part 1.7**



**Weight :2.05 g**

**Part 1.8**



**Weight :1.6 g**

Test Method	Result	Requirements
-------------	--------	--------------

**Tested Components:**

**CS=Combined Sample**

No	Combined Sample	Combined Sample of Numbers
1	CS 1	1.5
2	CS 2	1.1, 1.2, 1.3, 1.4, 1.6, 1.7, 1.8

Test Method	Result	Requirements
-------------	--------	--------------

**TEST RESULTS**

**1- Inorganic Components**

No.	Substance	CAS-No.	CS 1
1	Cobalt Dichloride	7646-79-9	ND
2	Diarsenic Pentaoxide	1303-28-2	ND
3	Diarsenic Trioxide	1327-53-3	ND
4	Lead Hydrogen Arsenate	7784-40-9	ND
5	Triethyl Arsenate	15606-95-8	ND
6	Sodium Dichromate	7789-12-0, 10588-01-9	ND
7	Bis (Tributyltin) Oxide (TBTO)	56-35-9	ND
8	Lead Chromate	7758-97-6	ND
9	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104)	12656-85-8	ND
10	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	ND
11	Boric Acid	10043-35-3, 11113-50-1	ND
12	Disodium Tetraborate, Anhydrous	1330-43-4, 12179-04-3, 1303-96-4	ND
13	Tetraboron Disodium Heptaoxide, Hydrate	12267-73-1	ND
14	Sodium Chromate	7775-11-3	ND
15	Potassium Chromate	7789-00-6	ND
16	Ammonium Dichromate	7789-9-5	ND
17	Potassium Dichromate	7778-50-9	ND
18	Cobalt Sulphate	10124-43-3	ND
19	Cobalt Dinitrate	10141-05-6	ND
20	Cobalt Carbonate	513-79-1	ND
21	Cobalt Diacetate	71-48-7	ND
22	Chromium Trioxide	1333-82-0	ND
23	Chromic Acid	7738-94-5	ND
24	Dichromic Acid	13530-68-2	ND
25	Oligomers of Chromic Acid and Dichromic Acid	--	ND
26	Strontium Chromate	7789-6-2	ND
27	Lead dipicrate	6477-64-1	ND
28	Lead styphnate	15245-44-0	ND
29	Lead azide; Lead diazide	13424-46-9	ND
30	Trilead diarsenate	3687-31-8	ND
31	Calcium arsenate	7778-44-1	ND
32	Arsenic acid	7778-39-4	ND
33	Pentazinc chromate octahydroxide	49663-84-5	ND
34	Potassium hydroxyoctaoxidizincate di-chromate	11103-86-9	ND
35	Dichromium tris(chromate)	24613-89-6	ND
36	Aluminosilicate Refractory Ceramic Fibres	(Index No. 650-017-00-8)	ND
37	Zirconia Aluminosilicate Refractory Ceramic Fibres	(Index No. 650-017-00-8)	ND
38	Diboron trioxide	1303-86-2	ND

	Test Method	Result	Requirements
39	Lead(II) bis(methanesulfonate)	17570-76-2	ND
40	Cadmium oxide	1306-19-0	ND
41	Lead di(acetate)	301-04-2	ND
42	Cadmium sulphide	1306-23-6	ND
43	Cadmium chloride	10108-64-2	ND
44	Cadmium fluoride	7790-79-6	ND
45	Cadmium sulphate	10124-36-4; 31119-53-6	ND
46	Cadmium carbonate	513-78-0	ND
47	Cadmium hydroxide	21041-95-2	ND
48	Cadmium nitrate	10022-68-1, 10325-94-7	ND
49	Lead	7439-92-1	ND
50	Disodium octaborate	12008-41-2	ND

Test Method	Result	Requirements
-------------	--------	--------------

**TEST RESULTS**

**2- Organic Components**

**(a) The First List (15 SVHC Released in Oct, 2008)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			<b>CS 2</b>
1	Cobalt Dichloride Δ	7646-79-9	ND
2	Diarsenic Pentaoxide Δ	1303-28-2	ND
3	Diarsenic Trioxide Δ	1327-53-3	ND
4	Lead Hydrogen Arsenate Δ	7784-40-9	ND
5	Triethyl Arsenate Δ	15606-95-8	ND
6	Sodium Dichromate Δ	7789-12-0, 10588-01-9	ND
7	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	ND
8	Anthracene	120-12-7	ND
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	ND
10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	ND
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	ND
12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND
13	Dibutyl Phthalate (DBP)	84-74-2	ND
14	Benzyl Butyl Phthalate (BBP)	85-68-7	ND
15	Short Chain Chlorinated Paraffins (C10-13)	85535-84-8	ND

Test Method	Result	Requirements	
<b>(b) The Second List (13 SVHC Release in Jan, 2010 and Mar, 2010)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
16	Lead Chromate Δ	7758-97-6	ND
17	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ	12656-85-8	ND
18	Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) Δ	1344-37-2	ND
19	Tris (2-Chloroethyl) Phosphate	115-96-8	ND
20	2,4-Dinitrotoluene	121-14-2	ND
21	Diisobutyl Phthalate (DIBP)	84-69-5	ND
22	Coal Tar Pitch, High Temperature	65996-93-2	ND
23	Anthracene Oil	90640-80-5	ND
24	Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4	ND
25	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	ND
26	Anthracene Oil, Anthracene-low	90640-82-7	ND
27	Anthracene Oil, Anthracene Paste	90640-81-6	ND
28	Acrylamide	79-06-1	ND

**(c) The Third List (8 SVHC Release in Jun,2010)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
29	Boric Acid Δ	10043-35-3, 11113-50-1	ND
30	Disodium Tetraborate, Anhydrous Δ	1330-43-4, 12179-04-3, 1303-96-4	ND
31	Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1	ND
32	Sodium Chromate Δ	7775-11-3	ND
33	Potassium Chromate Δ	7789-00-6	ND
34	Ammonium Dichromate Δ	7789-09-5	ND
35	Potassium Dichromate Δ	7778-50-9	ND
36	Trichloroethylene	79-01-6	ND



Test Method	Result	Requirements	
<b>(d) The Fourth List (8 SVHC Release in Dec,2010)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
37	2-Methoxyethanol	109-86-4	ND
38	2-Ethoxyethanol	110-80-5	ND
39	Cobalt Sulphate Δ	10124-43-3	ND
40	Cobalt Dinitrate Δ	10141-05-6	ND
41	Cobalt Carbonate Δ	513-79-1	ND
42	Cobalt Diacetate Δ	71-48-7	ND
43	Chromium Trioxide Δ	1333-82-0	ND
44	Chromic Acid Δ Dichromic Acid Δ Oligomers of Chromic Acid and Dichromic Acid Δ	7738-94-5 13530-68-2 --	ND

**(e) The Fifth List (7 SVHC Release in Jun, 2011)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
45	Strontium ChromateΔ	7789-06-2	ND
46	2-ethoxyethyl acetate (2-EEA)	111-15-9	ND
47	1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters (DHNUP)	68515-42-4	ND
48	Hydrazine	7803-57-8 302-01-2	ND
49	1-methyl-2-pyrrolidone	872-50-4	ND
50	1,2,3-trichloropropane	96-18-4	ND
51	1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND

Test Method	Result	Requirements	
<b>(f) The Sixth List (20 SVHC Release in Dec, 2011)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
52	Lead dipicrate $\Delta$	6477-64-1	ND
53	Lead styphnate $\Delta$	15245-44-0	ND
54	Lead azide; Lead diazide $\Delta$	13424-46-9	ND
55	Phenolphthalein	77-09-8	ND
56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	ND
57	N,N-dimethylacetamide (DMAC)	127-19-5	ND
58	Trilead diarsenate $\Delta$	3687-31-8	ND
59	Calcium arsenate $\Delta$	7778-44-1	ND
60	Arsenic acid $\Delta$	7778-39-4	ND
61	Bis(2-methoxyethyl) ether	111-96-6	ND
62	1,2-Dichloroethane	107-06-2	ND
63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	ND
64	2-Methoxyaniline; o-Anisidine	90-04-0	ND
65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	ND
67	Pentazinc chromate octahydroxide $\Delta$	49663-84-5	ND
68	Potassium hydroxyoctaoxodizincate dichromate $\Delta$	11103-86-9	ND
69	Dichromium tris(chromate) $\Delta$	24613-89-6	ND
70	Aluminosilicate Refractory Ceramic Fibres $\Delta$	(Index No. 650-017-00-8)	ND
71	Zirconia Aluminosilicate Refractory Ceramic Fibres $\Delta$	(Index No. 650-017-00-8)	ND

Test Method	Result	Requirements	
<b>(g) The Seventh List (13 SVHC Release in Jun, 2012)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	ND
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	ND
74	Diboron trioxide $\Delta$	1303-86-2	ND
75	Formamide	75-12-7	ND
76	Lead(II) bis(methanesulfonate) $\Delta$	17570-76-2	ND
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	ND
78	$\beta$ -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	ND
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	ND
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	ND
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	ND
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	ND
83	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	ND
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	ND

Test Method	Result	Requirements	
<b>(h) The Eighth List (54 SVHC Release in Dec, 2012)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	ND
86	Pentacosafuorotridecanoic acid	72629-94-8	ND
87	Tricosafuorododecanoic acid	307-55-1	ND
88	Henicosafuoroundecanoic acid	2058-94-8	ND
89	Heptacosafuorotetradecanoic acid	376-06-7	ND
90	Diazene-1,2-dicarboxamide (C,C'- azodi(formamide))	123-77-3	ND
91	Cyclohexane-1,2-dicarboxylic anhydride; - cis-cyclohexane-1,2-dicarboxylic anhydride - Cyclohexane-1,2-dicarboxylic anhydride - trans-cyclohexane-1,2-dicarboxylic anhydride	13149-00-3 85-42-7 14166-21-3	ND
92	Hexahydromethylphthalic anhydride; - Hexahydro-4-methylphthalic anhydride - Hexahydro-3-methylphthalic anhydride - Hexahydro-1-methylphthalic anhydride - Hexahydromethylphthalic anhydride	- 19438-60-9 57110-29-9 48122-14-1 25550-51-0	ND
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]	-	ND
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	ND
95	Methoxyacetic acid	625-45-6	ND
96	N,N-dimethylformamide	68-12-2	ND
97	Dibutyltin dichloride (DBTC) Δ	683-18-1	ND
98	Lead monoxide (Lead oxide) Δ	1317-36-8	ND
99	Orange lead (Lead tetroxide) Δ	1314-41-6	ND
100	Lead bis(tetrafluoroborate) Δ	13814-96-5	ND
101	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	ND
102	Lead titanium trioxideΔ	12060-00-3	ND
103	Lead titanium zirconium oxideΔ	12626-81-2	ND
104	Silicic acid, lead salt Δ	11120-22-2	ND
105	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead- dopedΔ [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for	68784-75-8	ND

Test Method	Result	Requirements
	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]	
106	1-bromopropane (n-propyl bromide)	106-94-5 ND
107	Methyloxirane (Propylene oxide)	75-56-9 ND
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0 ND
109	Diisopentylphthalate (DIPP)	605-50-5 ND
110	N-pentyl-isopentylphthalate	776297-69-9 ND
111	1,2-diethoxyethane	629-14-1 ND
112	Acetic acid, lead salt, basicΔ	51404-69-4 ND
113	Lead oxide sulfateΔ	12036-76-9 ND
114	[Phthalato(2-)]dioxotrileadΔ	69011-06-9 ND
115	Dioxobis(stearato)trileadΔ	12578-12-0 ND
116	Fatty acids, C16-18, lead saltsΔ	91031-62-8 ND
117	Lead cyanamideΔ	20837-86-9 ND
118	Lead dinitrateΔ	10099-74-8 ND
119	Pentalead tetraoxide sulphateΔ	12065-90-6 ND
120	Pyrochlore, antimony lead yellowΔ	8012-00-8 ND
121	Sulfurous acid, lead salt, dibasicΔ	62229-08-7 ND
122	TetraethylleadΔ	78-00-2 ND
123	Tetralead trioxide sulphateΔ	12202-17-4 ND
124	Trilead dioxide phosphonateΔ	12141-20-7 ND
125	Furan	110-00-9 ND
126	Diethyl sulphate	64-67-5 ND
127	Dimethyl sulphate	77-78-1 ND
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2 ND
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7 ND
130	4,4'-methylenedi-o-toluidine	838-88-0 ND
131	4,4'-oxydianiline and its salts	101-80-4 ND
132	4-aminoazobenzene	60-09-3 ND
133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7 ND
134	6-methoxy-m-toluidine (p-cresidine)	120-71-8 ND
135	Biphenyl-4-ylamine	92-67-1 ND
136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	97-56-3 ND

Test Method	Result	Requirements
137	o-toluidine	95-53-4 ND
138	N-methylacetamide	79-16-3 ND

**(i) The ninth List (6 SVHC Release in Jun, 2013)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			<b>CS 2</b>
139	Cadmium $\Delta$	7440-43-9	ND
140	Cadmium oxide $\Delta$	1306-19-0	ND
141	Dipentyl phthalate (DPP)	131-18-0	ND
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]	-	ND
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	ND
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	ND

**(j) The tenth List (7 SVHC Release in Dec, 2013)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			<b>CS 2</b>
145	Cadmium sulphide $\Delta$	1306-23-6	ND
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	ND
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)	1937-37-7	ND
148	Dihexyl phthalate	84-75-3	ND
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	ND
150	Lead di(acetate) $\Delta$	301-04-2	ND
151	Trixylyl phosphate	25155-23-1	ND

Test Method	Result	Requirements	
<b>(k) The eleventh List (4 SVHC Release in Jun, 2014)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND
153	Cadmium chloride $\Delta$	10108-64-2	ND
154	Sodium perborate; Perboric acid, sodium salt $\Delta$	--	ND
155	Sodium peroxometaborate $\Delta$	7632-04-4	ND

**(l) The twelfth List (6 SVHC Release in December, 2014)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	ND
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	ND
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	ND
159	Cadmium fluoride $\Delta$	7790-79-6	ND
160	Cadmium sulphate $\Delta$	10124-36-4; 31119-53-6	ND
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)	-	ND

Test Method	Result	Requirements	
<b>(m) The thirteenth List (2 SVHC Release in June, 2015)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
162	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	ND
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]	-	ND

**(n) The fourteenth List (5 SVHC Release in December, 2015)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
164	1,3-Propanesultone	1120-71-4	ND
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	ND
166	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	ND
167	Nitrobenzene	98-95-3	ND
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts; - Ammonium salts of perfluorononan-1-oic-acid - Perfluorononan-1-oic-acid - Sodium salts of perfluorononan-1-oic-acid	- 4149-60-4 375-95-1 21049-39-8	ND

**(o) The fifteenth List (1 SVHC Release in June, 2016)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	ND



Test Method	Result	Requirements
-------------	--------	--------------

**(p) The Sixteenth List (4 SVHC Release in January, 2017)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			<b>CS 2</b>
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	ND
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	ND
172	p-(1,1-dimethylpropyl)phenol	80-46-6	ND
173	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]	-	ND

**(r) The Seventeenth List (1 SVHC Release in July, 2017)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			<b>CS 2</b>
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	ND

**(s) The Eighteenth List (7 SVHC Release in January, 2018)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			<b>CS 2</b>
175	Benz[a]anthracene	56-55-3, 1718-53-2	ND
176	Cadmium carbonate	513-78-0	ND
177	Cadmium hydroxide	21041-95-2	ND
178	Cadmium nitrate	10022-68-1, 10325-94-7	ND
179	Chrysene	218-01-9, 1719-03-5	ND
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octa deca-7,15-diene ("Dechlorane Plus"™)	-	ND
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	ND

Test Method	Result	Requirements	
<b>(t) The Nineteenth List (10 SVHC Release in June, 2018)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
182	Terphenyl, hydrogenated	61788-32-7	ND
183	Octamethylcyclotetrasiloxane	556-67-2	ND
184	Lead	7439-92-1	ND
185	Ethylenediamine	107-15-3	ND
186	Dodecamethylcyclohexasiloxane	540-97-6	ND
187	Disodium octaborate	12008-41-2	ND
188	Dicyclohexyl phthalate	84-61-7	ND
189	Decamethylcyclopentasiloxane	541-02-6	ND
190	Benzo[ghi]perylene	191-24-2	ND
191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	ND

**(u) The Twentieth List (6 SVHC Release in January, 2019)**

No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			CS 2
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	ND
193	Benzo[k]fluoranthene	207-08-9	ND
194	Fluoranthene	206-44-0 93951-69-0	ND
195	Phenanthrene	85-01-8	ND
196	Pyrene	129-00-0 1718-52-1	ND
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	ND

Test Method	Result	Requirements	
<b>(v) The Twenty First List (4 SVHC Release in July, 2019)</b>			
No.	Chemical Substance	CAS-No.	RESULTS (% w/w)
			<b>CS 2</b>
198	2-methoxyethyl acetate	110-49-6	ND
199	Tris (4-nonylphenyl, branched and linear) phosphate (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	ND
200	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propanoic acid and its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	ND
201	4-tert-butylphenol	98-54-4	ND

Test Method	Result	Requirements
-------------	--------	--------------

Reporting limit=0.1% (raw material)

SVHC = Substance of very high concern

ND = Not detected (the result is less than the reporting limit)

Reporting limit = Quantitation limit of analyte in sample

Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.

Notes:

- Substances of very high concern (SVHC) are classified as:
  - Carcinogenic, mutagenic or toxic to reproduction category 1 (proven on humans) and category 2 (proven on animals)
  - Persistent, bioaccumulative and toxic chemicals (PBT)
  - Very persistent and very bioaccumulative chemicals (vPvB)
  - Other similar substances such as endocrine disruptors
- If the imported or manufactured volume of each individual SVHC in article is more than 0.1% (w/w) and if it exceeds 1 tonne per year across all product ranges, then importer or manufacturer require notification to the European Chemical Agency (ECHA). For substances included in the Candidate List on or after 1 December 2010, the notifications have to be submitted no later than 6 months after the inclusion. The following information has to be submitted for notification:
  - Identification of the registrant and the substance
  - Classification and labelling of the substance
  - Description of use of the substance and the article
  - Registration number, if available
  - Tonnage range
- As per article 31 of regulation (EC) No. 1907/2006 (REACH), suppliers of mixtures not classified as dangerous according to directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the mixtures contain at least one substance on the SVHC candidate list and its individual concentration is 0.1%(w/w) or above for non-gaseous preparations.

REACH requirement:

As per article 33(1) of regulation (EC) No. 1907/2006 (REACH), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1% (w/w). A product meets the requirement of article 33(1) by default when no SVHC exceeds 0.1% (w/w).

## END OF TEST REPORT ##