RAYFLEX RUBBER LTD
UNIT 11B PALATINE IND EST
CAUSEWAY AVENUE
WARRINGTON
WA4 6QQ
UNITED KINGDOM
Attn: Phillipa Taylor

Test Report No. BAN 312030/1
Issue Date: 07 February 2023

The following sample was submitted and identified by the client as:

Sample Name: PVC Strip

Sample Description: Flexible PVC strip 2mm thick

Sample Reference: 515 Grade

Date of Receipt: 16th January 2023

Testing Period: Testing conducted between 20th January 2023 and 02nd February 2023
(Please note that this testing was conducted at another laboratory within the SGS group of companies)

Test Requested :

As requested by client, SVHC screening is performed according to:

- Two hundred and twenty-four (224) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before June 10, 2022 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Result(s): Please refer to next page(s).

Signed for and on behalf of
SGS United Kingdom Ltd.

Tracy Lai
Chemical Laboratory Manager

Summary :

According to the specified scope and analytical techniques, concentrations of tested SVHC are ≤ 0.1% (w/w) in the submitted sample.	PASS

Remark :

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:

   - https://echa.europa.eu/candidate-list-table(Candidate list)

   The lists are under evaluation by ECHA and may subject to change in the future.

2. Test results in this report are based on the tested sample.

   This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article.

3. If a SVHC is found over 0.1% (w/w), client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

4. If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

Test Sample:

Sample Description: PVC STRIP // 515 GRADE

Group No.	Component No.	Component Description
A	1.	Transparent soft plastic

Test Method:
SGS In-House method - Analyzed by ICP-OES, GC-MS, UV-VIS, HPLC-DAD, HPLC-MS and colorimetric method

Test Result (per test group):

No.	Substance Name	CAS No./ EC No.	RL (%)	Concentration (%)
				A
-	All tested SVHC	-	-	ND

Notes :

1. RL = Reporting Limit. All RL are based on homogenous material
   ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
   NA^ = The submitted sample was found to contain significant amount of specific element(s) of SVHC. Upon further test verification and also information provided from client, the possibility that the element(s) content originate from SVHC is very unlikely, even though their presence cannot be exclude entirely. It may be assumed that the detected element(s) have a non-SVHC source.

2. * The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario.

   The client is advised to review the chemical formulation to ascertain above metal substances present in the article.

   RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium and cadmium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)).

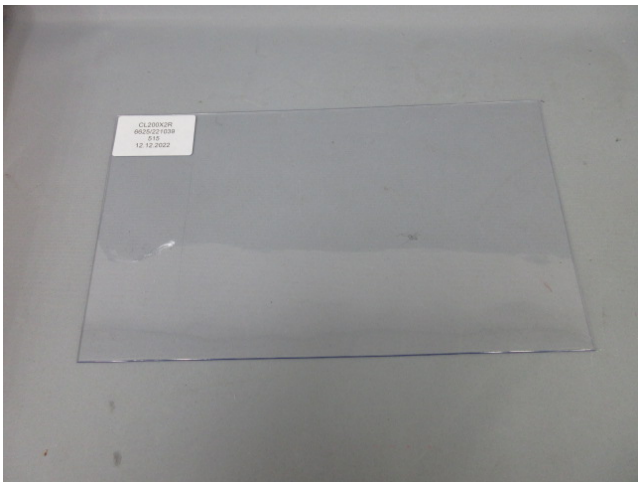
3. The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.

Remark:

When statement of conformity is made, unless inherent in the requested specification or instructed by the applicant, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, w = U_{95}) in ILAC-G8:09/2019 Clause 4.2.3.
“Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band.” or “Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%.”.
“Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band.” or “Fail - One or more measured values were observed out of tolerance at the points tested”. The specific false reject risk is up to 2.5%.
“Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%.”

Sample Photo:

Pic.1



SGS authenticate the photo on original report only

Appendix

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Oct 28, 2008							
1	4,4'-Diaminodiphenylmethane (MDA)	101-77-9/ 202-974-4	0.050	2	5-tert-butyl-2,4,6-trinitro-*m*-xylene (musk xylene)	81-15-2/ 201-329-4	0.050
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8/ 287-476-5	0.050	4	Anthracene	120-12-7/ 204-371-1	0.050
5	Benzyl butyl phthalate (BBP)	85-68-7/ 201-622-7	0.050	6	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7/ 204-211-0	0.050
7	Bis(tributyltin)oxide (TBTO)	56-35-9/ 200-268-0	0.050	8	Cobalt dichloride*	7646-79-9/ 231-589-4	0.005
9	Diarsenic pentaoxide*	1303-28-2/ 215-116-9	0.005	10	Diarsenic trioxide*	1327-53-3/ 215-481-4	0.005
11	Dibutyl phthalate (DBP)	84-74-2/ 201-557-4	0.050	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4/ 247-148-4; 3194-55-6/ 221-695-9; (134237-50-6/-; 134237-51-7/-; 134237-52-8/-)	0.050
13	Lead hydrogen arsenate*	7784-40-9/ 232-064-2	0.005	14	Sodium dichromate*	7789-12-0 10588-01-9/ 234-190-3	0.005
15	Triethyl arsenate*	15606-95-8/ 427-700-2	0.005				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 13, 2010							
16	2,4-Dinitrotoluene	121-14-2/ 204-450-0	0.050	17	Anthracene oil*	90640-80-5/ 292-602-7	0.050
18	Anthracene oil, anthracene paste*	90640-81-6/ 292-603-2	0.050	19	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2/ 295-275-9	0.050
20	Anthracene oil, anthracene paste; distn. Lights*	91995-17-4/ 295-278-5	0.050	21	Anthracene oil, anthracene-low*	90640-82-7/ 292-604-8	0.050
22	Diisobutyl phthalate	84-69-5/ 201-553-2	0.050	23	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8/ 235-759-9	0.005
24	Lead chromate*	7758-97-6/ 231-846-0	0.005	25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2/ 215-693-7	0.005
26	Pitch, coal tar, high temp.*	65996-93-2/ 266-028-2	0.050	27	Tris(2-chloroethyl)phosphate	115-96-8/ 204-118-5	0.050

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Mar 30, 2010							
28	Acrylamide	79-06-1/ 201-173-7	0.050				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 18, 2010							
29	Ammonium dichromate*	7789-09-5/ 232-143-1	0.005	30	Boric acid*	10043-35-3/ 233-139-2; 11113-50-1/ 234-343-4	0.005
31	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3/ 215-540-4	0.005	32	Potassium chromate*	7789-00-6/ 232-140-5	0.005
33	Potassium dichromate*	7778-50-9/ 231-906-6	0.005	34	Sodium chromate*	7775-11-3/ 231-889-5	0.005
35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1/ 235-541-3	0.005	36	Trichloroethylene	79-01-6/ 201-167-4	0.050
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 15, 2010							
37	2-Ethoxyethanol	110-80-5/ 203-804-1	0.050	38	2-Methoxyethanol	109-86-4/ 203-713-7	0.050
39	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid*	7738-94-5/ 231-801-5; 13530-68-2/ 236-881-5	0.005	40	Chromium trioxide*	1333-82-0/ 215-607-8	0.005
41	Cobalt(II) carbonate*	513-79-1/ 208-169-4	0.005	42	Cobalt(II) diacetate*	71-48-7/ 200-755-8	0.005
43	Cobalt(II) dinitrate*	10141-05-6/ 233-402-1	0.005	44	Cobalt(II) sulphate*	10124-43-3/ 233-334-2	0.005
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2011							
45	1,2,3-Trichloropropane	96-18-4/ 202-486-1	0.050	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6/ 276-158-1	0.050
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4/ 271-084-6	0.050	48	1-Methyl-2-pyrrolidone	872-50-4/ 212-828-1	0.050
49	2-Ethoxyethyl acetate	111-15-9/ 203-839-2	0.050	50	Hydrazine	7803-57-8 302-01-2/ 206-114-9	0.050
51	Strontium chromate*	7789-06-2/ 232-142-6	0.005				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 19, 2011							

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
52	1,2-Dichloroethane	107-06-2/ 203-458-1	0.050	53	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4/ 202-918-9	0.050
54	2-Methoxyaniline	90-04-0/ 201-963-1	0.050	55	4-tert-Octylphenol	140-66-9/ 205-426-2	0.050
56	Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)	0.005	57	Arsenic acid*	7778-39-4/ 231-901-9	0.005
58	Bis(2-methoxyethyl) ether	111-96-6/ 203-924-4	0.050	59	Bis(2-methoxyethyl) phthalate	117-82-8/ 204-212-6	0.050
60	Calcium arsenate*	7778-44-1/ 231-904-5	0.005	61	Dichromium tris(chromate)*	24613-89-6/ 246-356-2	0.005
62	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4/ 500-036-1	0.050	63	Lead diazide*	13424-46-9/ 236-542-1	0.005
64	Lead dipicrate*	6477-64-1/ 229-335-2	0.005	65	Lead styphnate*	15245-44-0/ 239-290-0	0.005
66	N,N-dimethylacetamide (DMAC)	127-19-5/ 204-826-4	0.050	67	Pentazinc chromate octahydroxide*	49663-84-5/ 256-418-0	0.005
68	Phenolphthalein	77-09-8/ 201-004-7	0.050	69	Potassium hydroxyoctaoxodizincate dichromate*	11103-86-9/ 234-329-8	0.005
70	Trilead diarsenate*	3687-31-8/ 222-979-5	0.005	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)	0.005
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 18, 2012							
72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5/ 219-943-6	0.050	73	[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	0.050
74	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2/ 203-977-3	0.050	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4/ 203-794-9	0.050
76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8/ 202-027-5	0.050	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1/ 209-218-2	0.050
78	Diboron trioxide*	1303-86-2/ 215-125-8	0.005	79	Formamide	75-12-7/ 200-842-0	0.050
80	Lead(II) bis(methanesulfonate)*	17570-76-2/ 401-750-5	0.005	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1/ 202-959-2	0.050

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9/ 219-514-3	0.050	83	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0/ 229-851-8	0.050
84	β-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/ 423-400-0	0.050				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 19, 2012							
85	[Phthalato(2-)]dioxotrilead*	69011-06-9/ 273-688-5	0.005	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0/ 284-032-2	0.050
87	1,2-Diethoxyethane	629-14-1/ 211-076-1	0.050	88	1-Bromopropane	106-94-5/ 203-445-0	0.050
89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2/ 421-150-7	0.050	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.050
91	4,4'-Methylenedi-*o*-toluidine	838-88-0/ 212-658-8	0.050	92	4,4'-Oxydianiline	101-80-4/ 202-977-0	0.050
93	4-Aminoazobenzene	60-09-3/ 200-453-6	0.050	94	4-Methyl-*m*-phenylenediamine	95-80-7/ 202-453-1	0.050
95	4-Nonylphenol, branched and linear	-	0.050	96	6-Methoxy-*m*-toluidine	120-71-8/ 204-419-1	0.050
97	Acetic acid, lead salt, basic*	51404-69-4/ 257-175-3	0.005	98	Biphenyl-4-ylamine	92-67-1/ 202-177-1	0.050
99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5/ 214-604-9	0.050	100	C,C'-azodi(formamide) (ADCA)	123-77-3/ 204-650-8	0.050
101	Dibutyltin dichloride (DBT)	683-18-1/ 211-670-0	0.050	102	Diethyl sulphate	64-67-5/ 200-589-6	0.050
103	Diisopentylphthalate (DIPP)	605-50-5/ 210-088-4	0.050	104	Dimethyl sulphate	77-78-1/ 201-058-1	0.050
105	Dinoseb	88-85-7/ 201-861-7	0.050	106	Dioxobis(stearato)trilead*	12578-12-0/ 235-702-8	0.005
107	Fatty acids, C16-18, lead salts*	91031-62-8/ 292-966-7	0.005	108	Furan	110-00-9/ 203-727-3	0.050
109	Henicosafluoroundecanoic acid	2058-94-8/ 218-165-4	0.050	110	Heptacosafluorotetradecanoic acid	376-06-7/ 206-803-4	0.050
111	Hexahydro-2-benzofuran-1,3-dione, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7/ 201-604-9; 13149-00-3/ 236-086-3; 14166-21-3/ 238-009-9	0.050	112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride,	25550-51-0/ 247-094-1; 19438-60-9/ 243-072-0; 48122-14-1/ 256-356-4;	0.050

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
					Hexahydro-3-methylphthalic anhydride	57110-29-9/ 260-566-1	
113	Lead bis(tetrafluoroborate)*	13814-96-5/ 237-486-0	0.005	114	Lead cyanamidate*	20837-86-9/ 244-073-9	0.005
115	Lead dinitrate*	10099-74-8/ 233-245-9	0.005	116	Lead monoxide*	1317-36-8/ 215-267-0	0.005
117	Lead oxide sulphate*	12036-76-9/ 234-853-7	0.005	118	Lead tetroxide*	1314-41-6/ 215-235-6	0.005
119	Lead titanium trioxide*	12060-00-3/ 235-038-9	0.005	120	Lead titanium zirconium oxide*	12626-81-2/ 235-727-4	0.005
121	Methoxyacetic acid	625-45-6/ 210-894-6	0.050	122	N,N-Dimethylformamide	68-12-2/ 200-679-5	0.050
123	N-Methylacetamide	79-16-3/ 201-182-6	0.050	124	N-Pentyl-isopentylphthalate	776297-69-9 /-	0.050
125	*o*-Aminoazotoluene	97-56-3/ 202-591-2	0.050	126	*o*-Toluidine	95-53-4/ 202-429-0	0.050
127	Pentacosafluorotridecanoic acid	72629-94-8/ 276-745-2	0.050	128	Pentalead tetraoxide sulphate*	12065-90-6/ 235-067-7	0.005
129	Propylene oxide	75-56-9/ 200-879-2	0.050	130	Pyrochlore, antimony lead yellow*	8012-00-8/ 232-382-1	0.005
131	Silicic acid, barium salt, lead-doped*	68784-75-8/ 272-271-5	0.005	132	Silicic acid, lead salt*	11120-22-2/ 234-363-3	0.005
133	Sulfurous acid, lead salt, dibasic*	62229-08-7/ 263-467-1	0.005	134	Tetraethyllead*	78-00-2/ 201-075-4	0.005
135	Tetralead trioxide sulphate*	12202-17-4/ 235-380-9	0.005	136	Tricosafluorododecanoic acid	307-55-1/ 206-203-2	0.050
137	Trilead bis(carbonate)dihydroxide*	1319-46-6/ 215-290-6	0.005	138	Trilead dioxide phosphonate*	12141-20-7/ 235-252-2	0.005
	Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2013						
139	4-Nonylphenol, branched and linear, ethoxylated	-	0.050	140	Ammoniumpentadecafluoro octanoate (APFO)	3825-26-1/ 223-320-4	0.050
141	Cadmium	7440-43-9/ 231-152-8	0.005	142	Cadmium oxide*	1306-19-0/ 215-146-2	0.005
143	Di-n-pentyl phthalate	131-18-0/ 205-017-9	0.050	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1/ 206-397-9	0.050
	Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 16, 2013						
145	Cadmium sulphide*	1306-23-6/ 215-147-8	0.005	146	Dihexyl phthalate	84-75-3/ 201-559-5	0.050
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	0.050	148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-	1937-37-7/ 217-710-3	0.050

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
					(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)		
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7/ 202-506-9	0.050	150	Lead di(acetate)*	301-04-2/ 206-104-4	0.005
151	Trixylyl phosphate	25155-23-1/ 246-677-8	0.050				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 16, 2014							
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4/ 271-093-5	0.050	153	Cadmium chloride*	10108-64-2/ 233-296-7	0.005
154	Sodium perborate; perboric acid, sodium salt*	- / 234-390-0; 239-172-9	0.005	155	Sodium peroxometaborate*	7632-04-4/ 231-556-4	0.005
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 17, 2014							
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7 / 223-346-6	0.050	157	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1 / 247-384-8	0.050
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1 / 239-622-4	0.050	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)	-	0.050
160	Cadmium fluoride*	7790-79-6 / 232-222-0	0.005	161	Cadmium sulphate*	10124-36-4; 31119-53-6 / 233-331-6	0.005
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 15, 2015							
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	0.050	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 stereoisomers of [1] and [2] or any combination thereof]	-	0.050

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 17, 2015,							
164	1,3-propanesultone	1120-71-4 / 214-317-9	0.050	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1 / 223-383-8	0.050
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3 / 253-037-1	0.050	167	Nitrobenzene	98-95-3 / 202-716-0	0.050
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	0.050				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2016							
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8 / 200-028-5	0.050				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 12, 2017							
170	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7 / 201-245-8	0.050	171	4-Heptylphenol, branched and linear	-	0.050
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salt	335-76-2; 3830-45-3; 3108-42-7/ 206-400-3; -; 221-470-5	0.050	173	p-(1,1-dimethylpropyl)phenol	80-46-6 / 201-280-9	0.050
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 7, 2017							
174	Perfluorohexane-1-sulphonic acid and its salts	-	0.050				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on January 15, 2018							
175	Benz[a]anthracene	56-55-3; 1718-53-2/ 200-280-6	0.050	176	Cadmium carbonate*	513-78-0/ 208-168-9	0.005
177	Cadmium hydroxide*	21041-95-2/ 244-168-5	0.005	178	Cadmium nitrate*	10325-94-7/ 233-710-6	0.005
179	Chrysene	218-01-9; 1719-03-5/ 205-923-4	0.050	180	Dodecachloropentacyclo[12.2.1.1^{6,9}.0^{2,13}.0^{5,10}]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.050
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione,	-	0.050				

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
	formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]						
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 27, 2018							
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (TMA)	552-30-7 / 209-008-0	0.050	183	Benzo[ghi]perylene	191-24-2 / 205-883-8	0.050
184	Decamethylcyclopentasiloxane (D5)	541-02-6 / 208-764-9	0.050	185	Dicyclohexyl phthalate (DCHP)	84-61-7 / 201-545-9	0.050
186	Disodium octaborate*	12008-41-2 / 234-541-0	0.005	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6 / 208-762-8	0.050
188	Ethylenediamine (EDA)	107-15-3 / 203-468-6	0.050	189	Lead	7439-92-1 / 231-100-4	0.005
190	Octamethylcyclotetrasiloxane (D4)	556-67-2 / 209-136-7	0.050	191	Terphenyl, hydrogenated	61788-32-7 / 262-967-7	0.050
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 15, 2019							
192	2,2-Bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6 / 401-720-1	0.050	193	Benzo[k]fluoranthene	207-08-9 / 205-916-6	0.050
194	Fluoranthene	206-44-0 / 205-912-4	0.050	195	Phenanthrene	85-01-8 / 201-581-5	0.050
196	Pyrene	129-00-0 / 204-927-3	0.050	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo [2.2.1]heptan-2-one	15087-24-8 / 239-139-9	0.100
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 16, 2019							
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]	-	0.050	199	2-Methoxyethyl acetate	110-49-6 / 203-772-9	0.050
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.050	201	4-tert-butylphenol	98-54-4 / 202-679-0	0.050
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 16, 2020							
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1 / 404-360-3	0.050	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5 / 400-600-6	0.050
204	Diisohexyl phthalate	71850-09-4 / 276-090-2	0.050	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.050
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 25, 2020							

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
206	1-Vinylimidazole	1072-63-5 / 214-012-0	0.050	207	2-Methylimidazole	693-98-1 / 211-765-7	0.050
208	Butyl 4-hydroxybenzoate	94-26-8 / 202-318-7	0.050	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4 / 245-152-0	0.050
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 19, 2021							
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8 / 205-594-7	0.050	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	-	0.050
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 8, 2021							
212	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	-	0.050	213	Orthoboric acid, sodium salt*	13840-56-7 / 237-560-2	0.005
214	2,2-bis(bromomethyl)propane 1,3-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	0.050	215	Glutaral	111-30-8 / 203-856-5	0.050
216	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)	-	0.050	217	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)	-	0.050
218	1,4-dioxane	123-91-1 / 201-025-1	0.050	219	4,4'-(1-methylpropylidene) bisphenol	77-40-7 / 201-025-1	0.050
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 17, 2022							
220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1 / 204-327-1	0.010	221	tris(2-methoxyethoxy)vinylsilane	1067-53-4 / 213-934-0	0.010
222	(±)-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	223	S-(tricyclo(5.2.1.02,6)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

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 10, 2022							
224	N-(hydroxymethyl)acrylamide	924-42-5/ 213-103-2	0.010	-	-	-	-

Notes

1. RL = Reporting Limit. All RL are based on homogenous material

2. * The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario.

   RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium and cadmium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)).

*** End of Report ***