Test Report

Formosa Plastics Corporation
No. 100, Shui-Guan Rd., Renwu Dist., Kaohsiung City 814 , Taiwan

The following sample(s) was / were submitted and identified on behalf of the client as :

Product Name	:	PVC Powder
Product Color	:	White
Style / Item No.	:	MLS-60
Material Composition	:	PVC Powder
Sample Submitted By	:	Formosa Plastics Corporation

* * * * *

Date of Sample Received	:	Jan 06, 2025
Testing Period	:	Jan 06, 2025 – Feb 05, 2025

Test Requested :

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

- Two hundred and forty-seven (247) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 21, 2025 regarding Regulation (EC) No 1907/2006 concerning the REACH.

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

Summary :

According to the specified scope and analytical techniques, concentrations of tested SVHC are < 0.1 % (w/w) in the submitted sample. Concentrations of tested SVHC with specific concentration limit (SCL) # < 0.1 % (w/w) set in Regulation (EC) No. 1272/2008 and its amendments are < reporting limit. # Please refer to Note 2 on the following page	PASS

Ray Chang, Ph.D. / Department Manager
Signed for and on behalf of
SGS Taiwan Ltd.
Chemical Laboratory-Kaohsiung

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)

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

2. If a SVHC is found greater than or equal to 0.1 % (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

   - a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or

   - a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
   (a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
   (b) a substance that is PBT or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
   (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
   (d) a substance for which there are Europe-wide workplace exposure limits

Test Sample:

Component No.	Component Description
1	White PVC Powder

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

Test Result:

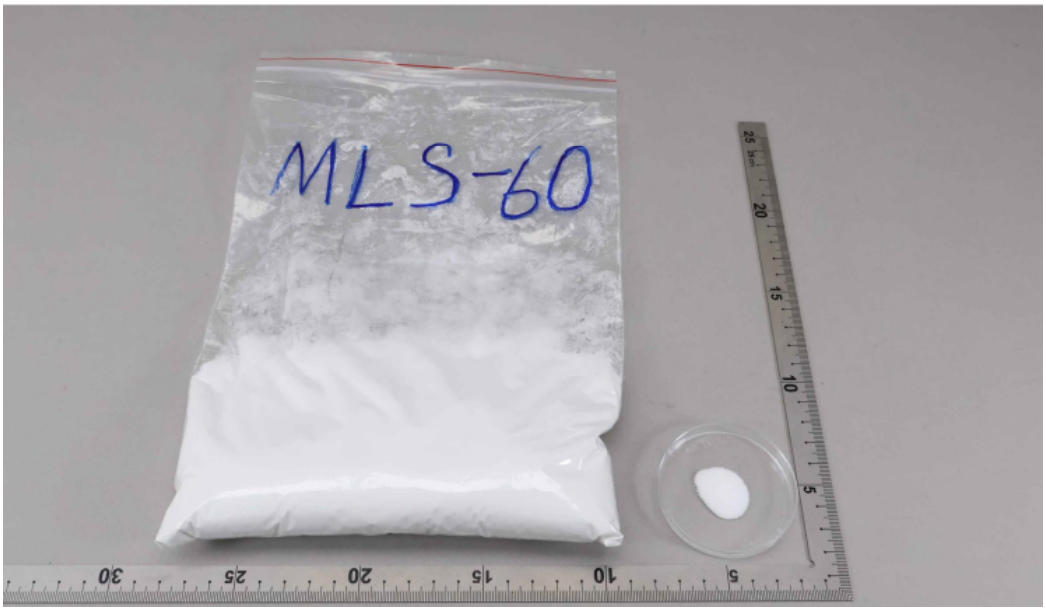
Substance Name	Concentration (%)
	1
All tested SVHC	n.d.

Notes :

1. n.d. = Not detected (lower than RL)
2. Please refer to Appendix for the full list of tested SVHC.

Sample photo:

SFW25100417



SGS authenticate the photo on original report only

*** End of Report ***

Appendix

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
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	0.010 / -	2	5-tert-butyl-2,4,6-trinitro-*m*-xylene (musk xylene)✦	81-15-2/ 201-329-4	0.010 / -
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8/ 287-476-5	0.010 / -	4	Anthracene	120-12-7/ 204-371-1	0.010 / -
5	Benzyl butyl phthalate (BBP)✦	85-68-7/ 201-622-7	0.010 / -	6	Bis(2-ethylhexyl)phthalate (DEHP)✦	117-81-7/ 204-211-0	0.010 / -
7	Bis(tributyltin)oxide (TBTO)*	56-35-9/ 200-268-0	0.010 / -	8	Cobalt dichloride*	7646-79-9/ 231-589-4	0.001 / 0.01▼
9	Diarsenic pentaoxide*✦	1303-28-2/ 215-116-9	0.001 / -	10	Diarsenic trioxide*✦	1327-53-3/ 215-481-4	0.001 / -
11	Dibutyl phthalate (DBP)✦	84-74-2/ 201-557-4	0.010 / -	12	Hexabromocyclododecane (HBCDD)	-	0.010 / -
13	Lead hydrogen arsenate*	7784-40-9/ 232-064-2	0.001 / -	14	Sodium dichromate*✦	7789-12-0 10588-01-9/ 234-190-3	0.001 / -
15	Triethyl arsenate*	15606-95-8/ 427-700-2	0.001 / -				
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	0.010 / -	17	Anthracene oil*✦	90640-80-5/ 292-602-7	0.010 / -
18	Anthracene oil, anthracene paste*	90640-81-6/ 292-603-2	0.010 / -	19	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2/ 295-275-9	0.010 / -
20	Anthracene oil, anthracene paste; distn. Lights*	91995-17-4/ 295-278-5	0.010 / -	21	Anthracene oil, anthracene-low*	90640-82-7/ 292-604-8	0.010 / -
22	Diisobutyl phthalate✦	84-69-5/ 201-553-2	0.010 / -	23	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*✦	12656-85-8/ 235-759-9	0.001 / -
24	Lead chromate*✦	7758-97-6/ 231-846-0	0.001 / -	25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*✦	1344-37-2/ 215-693-7	0.001 / -
26	Pitch, coal tar, high temp.*✦	65996-93-2/ 266-028-2	0.00025 / 0.00025▼	27	Tris(2-chloroethyl)phosphate✦	115-96-8/ 204-118-5	0.010 / -
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Mar 30, 2010							
28	Acrylamide	79-06-1/ 201-173-7	0.010 / -				
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	0.001 / -	30	Boric acid*	-	0.001 / -

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
31	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3/ 215-540-4	0.001 / -	32	Potassium chromate*✦	7789-00-6/ 232-140-5	0.001 / -
33	Potassium dichromate*✦	7778-50-9/ 231-906-6	0.001 / -	34	Sodium chromate*✦	7775-11-3/ 231-889-5	0.001 / -
35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1/ 235-541-3	0.001 / -	36	Trichloroethylene✦	79-01-6/ 201-167-4	0.010 / -
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	0.010 / -	38	2-Methoxyethanol	109-86-4/ 203-713-7	0.010 / -
39	Acids generated from chromium trioxide and their oligomers*	-	0.001 / -	40	Chromium trioxide*✦	1333-82-0/ 215-607-8	0.001 / -
41	Cobalt(II) carbonate*	513-79-1/ 208-169-4	0.001 / 0.01▼	42	Cobalt(II) diacetate*	71-48-7/ 200-755-8	0.001 / 0.01▼
43	Cobalt(II) dinitrate*	10141-05-6/ 233-402-1	0.001 / 0.01▼	44	Cobalt(II) sulphate*	10124-43-3/ 233-334-2	0.001 / 0.01▼
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	0.010 / -	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich✦	71888-89-6/ 276-158-1	0.010 / -
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters✦	68515-42-4/ 271-084-6	0.010 / -	48	1-Methyl-2-pyrrolidone	872-50-4/ 212-828-1	0.010 / -
49	2-Ethoxyethyl acetate	111-15-9/ 203-839-2	0.010 / -	50	Hydrazine	7803-57-8 302-01-2/ 206-114-9	0.010 / -
51	Strontium chromate*✦	7789-06-2/ 232-142-6	0.001 / -				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 19, 2011							
52	1,2-Dichloroethane✦	107-06-2/ 203-458-1	0.010 / -	53	2,2'-dichloro-4,4'-methylenedianiline (MOCA)✦	101-14-4/ 202-918-9	0.010 / -
54	2-Methoxyaniline	90-04-0/ 201-963-1	0.010 / -	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9/ 205-426-2	0.010 / 0.025▼
56	Aluminosilicate Refractory Ceramic Fibres*	-	0.010 / -	57	Arsenic acid*✦	7778-39-4/ 231-901-9	0.001
58	Bis(2-methoxyethyl) ether✦	111-96-6/ 203-924-4	0.010 / -	59	Bis(2-methoxyethyl) phthalate✦	117-82-8/ 204-212-6	0.010 / -
60	Calcium arsenate*	7778-44-1/ 231-904-5	0.001 / -	61	Dichromium tris(chromate) *✦	24613-89-6/ 246-356-2	0.001 / -
62	Formaldehyde, oligomeric reaction products with aniline (technical MDA)*✦	25214-70-4/ 500-036-1	0.010 / -	63	Lead diazide*	13424-46-9/ 236-542-1	0.001 / -

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
64	Lead dipicrate*	6477-64-1/ 229-335-2	0.001 / -	65	Lead styphnate*	15245-44-0/ 239-290-0	0.001 / -
66	N,N-dimethylacetamide (DMAC)	127-19-5/ 204-826-4	0.010 / -	67	Pentazinc chromate octahydroxide*✦	49663-84-5/ 256-418-0	0.001 / -
68	Phenolphthalein	77-09-8/ 201-004-7	0.010 / -	69	Potassium hydroxyoctaoxodizincatedichromate*✦	11103-86-9/ 234-329-8	0.001 / -
70	Trilead diarsenate*	3687-31-8/ 222-979-5	0.001 / -	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.001 / -
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	0.010 / -	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	0.010 / -
74	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2/ 203-977-3	0.010 / -	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4/ 203-794-9	0.010 / -
76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8/ 202-027-5	0.010 / -	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1/ 209-218-2	0.010 / -
78	Diboron trioxide*	1303-86-2/ 215-125-8	0.001 / -	79	Formamide	75-12-7/ 200-842-0	0.010 / -
80	Lead(II) bis(methanesulfonate)*	17570-76-2/ 401-750-5	0.001 / -	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1/ 202-959-2	0.010 / -
82	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9/ 219-514-3	0.010 / -	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0/ 229-851-8	0.010 / -
84	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 / -				
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	0.001 / -	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear✦	84777-06-0/ 284-032-2	0.010 / -
87	1,2-Diethoxyethane	629-14-1/ 211-076-1	0.010 / -	88	1-Bromopropane✦	106-94-5/ 203-445-0	0.010 / -
89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2/ 421-150-7	0.010 / -	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated✦	-	0.010 / -
91	4,4'-Methylenedi-*o*-toluidine	838-88-0/ 212-658-8	0.010 / -	92	4,4'-oxydianiline and its salts	-	0.010 / -

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
93	4-Aminoazobenzene	60-09-3/ 200-453-6	0.010 / -	94	4-Methyl-*m*-phenylenediamine	95-80-7/ 202-453-1	0.010 / -
95	4-Nonylphenol, branched and linear	-	0.010 / -	96	6-Methoxy-*m*-toluidine	120-71-8/ 204-419-1	0.010 / -
97	Acetic acid, lead salt, basic*	51404-69-4/ 257-175-3	0.001 / -	98	Biphenyl-4-ylamine	92-67-1/ 202-177-1	0.010 / -
99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5/ 214-604-9	0.010 / -	100	C,C'-azodi(formamide) (ADCA)	123-77-3/ 204-650-8	0.010 / -
101	Dibutyltin dichloride (DBTC)*	683-18-1/ 211-670-0	0.010 / 0.01▼	102	Diethyl sulphate	64-67-5/ 200-589-6	0.010 / -
103	Diisopentylphthalate (DIPP)✦	605-50-5/ 210-088-4	0.010 / -	104	Dimethyl sulphate	77-78-1/ 201-058-1	0.010 / 0.01▼
105	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7/ 201-861-7	0.010 / -	106	Dioxobis(stearato)trilead*	12578-12-0/ 235-702-8	0.001 / -
107	Fatty acids, C16-18, lead salts*	91031-62-8/ 292-966-7	0.001 / -	108	Furan	110-00-9/ 203-727-3	0.010 / -
109	Henicosafluoroundecanoic acid	2058-94-8/ 218-165-4	0.010 / -	110	Heptacosafluorotetradecanoic acid	376-06-7/ 206-803-4	0.010 / -
111	Cyclohexane-1,2-dicarboxylic anhydride	-	0.010 / -	112	Hexahydromethylphthalic anhydride	-	0.010 / -
113	Lead bis(tetrafluoroborate)*	13814-96-5/ 237-486-0	0.001 / -	114	Lead cyanamidate*	20837-86-9/ 244-073-9	0.001 / -
115	Lead dinitrate*	10099-74-8/ 233-245-9	0.001 / -	116	Lead monoxide*	1317-36-8/ 215-267-0	0.001 / -
117	Lead oxide sulphate*	12036-76-9/ 234-853-7	0.001 / -	118	Lead tetroxide*	1314-41-6/ 215-235-6	0.001 / -
119	Lead titanium trioxide*	12060-00-3/ 235-038-9	0.001 / -	120	Lead titanium zirconium oxide*	12626-81-2/ 235-727-4	0.001 / -
121	Methoxyacetic acid	625-45-6/ 210-894-6	0.010 / -	122	N,N-Dimethylformamide	68-12-2/ 200-679-5	0.010 / -
123	N-Methylacetamide	79-16-3/ 201-182-6	0.010 / -	124	N-Pentyl-isopentylphthalate✦	776297-69-9 /-	0.010 / -
125	*o*-Aminoazotoluene	97-56-3/ 202-591-2	0.010 / -	126	*o*-Toluidine	95-53-4/ 202-429-0	0.010 / -
127	Pentacosafluorotridecanoic acid	72629-94-8/ 276-745-2	0.010 / -	128	Pentalead tetraoxide sulphate*	12065-90-6/ 235-067-7	0.001 / -
129	Methyloxirane (Propylene oxide)	75-56-9/ 200-879-2	0.010 / -	130	Pyrochlore, antimony lead yellow*	8012-00-8/ 232-382-1	0.001 / -
131	Silicic acid, barium salt, lead-doped*	68784-75-8/ 272-271-5	0.001 / -	132	Silicic acid, lead salt*	11120-22-2/ 234-363-3	0.001 / -
133	Sulfurous acid, lead salt, dibasic*	62229-08-7/ 263-467-1	0.001 / -	134	Tetraethyllead*	78-00-2/ 201-075-4	0.001 / -
135	Tetralead trioxide sulphate*	12202-17-4/ 235-380-9	0.001 / -	136	Tricosafluorododecanoic acid	307-55-1/ 206-203-2	0.010 / -

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
137	Trilead bis(carbonate)dihydroxide*	1319-46-6/ 215-290-6	0.001 / -	138	Trilead dioxide phosphonate*	12141-20-7/ 235-252-2	0.001 / -
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2013							
139	4-Nonylphenol, branched and linear, ethoxylated+	- / 799-990-1	0.010 / -	140	Ammoniumpentadecafluoro octanoate (APFO)*	3825-26-1/ 223-320-4	0.010 / -
141	Cadmium	7440-43-9/ 231-152-8	0.001 / -	142	Cadmium oxide*	1306-19-0/ 215-146-2	0.001 / -
143	Dipentyl phthalate (DPP)+	131-18-0/ 205-017-9	0.010 / -	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1/ 206-397-9	0.010 / -
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	0.001 / -	146	Dihexyl phthalate	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 / -
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7/ 202-506-9	0.010 / -	150	Lead di(acetate)*	301-04-2/ 206-104-4	0.001 / -
151	Trixylyl phosphate	25155-23-1/ 246-677-8	0.010 / -				
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	0.010 / -	153	Cadmium chloride*	10108-64-2/ 233-296-7	0.001 / 0.01▼
154	Sodium perborate; perboric acid, sodium salt*	-	0.001 / -	155	Sodium peroxometaborate*	7632-04-4/ 231-556-4	0.001 / -
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	0.010 / -	157	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1 / 247-384-8	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	0.001 / 0.01▼	161	Cadmium sulphate*	10124-36-4; 31119-53-6 / 233-331-6	0.001 / 0.01▼

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun15, 2015							
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	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 stereoisomers of [1] and [2] or any combination thereof]	-	0.010 / -
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	0.010 / 0.01▼	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 and its sodium and ammonium salts (PFNA)	-	0.010 / -				
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	0.010 / 0.01▼				
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	0.010 / -	171	4-Heptylphenol, branched and linear	-	0.010 / -
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	0.010 / -	173	p-(1,1-dimethylpropyl)phenol	80-46-6 / 201-280-9	0.010 / -
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 7, 2017							
174	Perfluorohexane-1-sulphonic acid and its salts	-	0.010 / -				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 15, 2018							
175	Benz[a]anthracene	56-55-3; 1718-53-2/ 200-280-6	0.010 / -	176	Cadmium carbonate*	513-78-0/ 208-168-9	0.001 / -
177	Cadmium hydroxide*	21041-95-2/ 244-168-5	0.001 / -	178	Cadmium nitrate*	10325-94-7/ 233-710-6	0.001 / 0.01▼
179	Chrysene	218-01-9; 1719-03-5/ 205-923-4	0.010 / -	180	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"™)	-	0.010 / -

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	0.010 / -				
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	0.010 / -	183	Benzo[ghi]perylene	191-24-2 / 205-883-8	0.010 / -
184	Decamethylcyclopentasiloxane (D5)	541-02-6 / 208-764-9	0.010 / -	185	Dicyclohexyl phthalate (DCHP)	84-61-7 / 201-545-9	0.010 / -
186	Disodium octaborate*	12008-41-2 / 234-541-0	0.001 / -	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6 / 208-762-8	0.010 / -
188	Ethylenediamine (EDA)	107-15-3 / 203-468-6	0.010 / -	189	Lead	7439-92-1 / 231-100-4	0.001 / 0.03▼
190	Octamethylcyclotetrasiloxane (D4)	556-67-2 / 209-136-7	0.010 / -	191	Terphenyl, hydrogenated	61788-32-7 / 262-967-7	0.010 / -
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	0.010 / -	193	Benzo[k]fluoranthene	207-08-9 / 205-916-6	0.010 / -
194	Fluoranthene	206-44-0 / 205-912-4	0.010 / -	195	Phenanthrene	85-01-8 / 201-581-5	0.010 / -
196	Pyrene	129-00-0 / 204-927-3	0.010 / -	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8 / 239-139-9	0.010 / -
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	-	0.010 / -	199	2-Methoxyethyl acetate	110-49-6 / 203-772-9	0.010 / -
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-	0.010 / -	201	4-tert-butylphenol	98-54-4 / 202-679-0	0.010 / -
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	0.010 / -	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 / -
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 25, 2020							
206	1-Vinylimidazole	1072-63-5 / 214-012-0	0.010 / 0.03▼	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 / -

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
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	0.010 / -	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 / -
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 8, 2021							
212	1,4-dioxane	123-91-1 / 204-661-8	0.010 / -	213	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)	-	0.010 / -
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.010 / -	215	4,4'-(1-methylpropylidene)bisphenol	77-40-7 / 201-025-1	0.010 / -
216	Glutaral	111-30-8 / 203-856-5	0.010 / -	217	Medium-chain chlorinated paraffins (MCCP)	-	0.010 / -
218	Orthoboric acid, sodium salt*	-	0.001 / -	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 / -
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 17, 2022							
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 / -

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 10, 2022							
224	N-(hydroxymethyl)acrylamide	924-42-5/ 213-103-2	0.010 / -				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 17, 2023							
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	0.001 / -
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 / -				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 14, 2023							
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8/ 278-355-8	0.010 / -	235	Bis(4-chlorophenyl) sulphone	80-07-9/ 201-247-9	0.010 / -
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 23, 2024							
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 / -				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 27, 2024							
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3 / 201-279-3	0.010 / -				

No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#	No.	Substance Name	CAS No./ EC No.	RL (%) SCL(%)#
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Nov 7, 2024							
242	Triphenyl phosphate	115-86-6/ 204-112-2	0.010 / -				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 21, 2025							
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl] hexanoic acid	2156592-54-8/ 701-118-1	0.010 / -	244	O,O,O-triphenyl phosphorothioate	597-82-0 / 209-909-9	0.010 / -
245	Octamethyltrisiloxane	107-51-7 / 203-497-4	0.010 / -	246	Perfluamine	338-83-0 / 206-420-2	0.010 / -
247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8 / 421-820-9	0.010 / -				

Notes :

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

2 # SCL = Specific Concentration Limit. All SCL are set out in Regulation (EC) No 1272/2008 and its amendments. Specific concentration limits and generic concentration limits are limits assigned to a substance indicating a threshold at or above which the presence of that substance in another substance or in a mixture as an identified impurity, additive or individual constituent leads to the classification of the substance or mixture as hazardous. The SVHCs with SCL values < 0.1 % are specified in the test result tables.
* 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 = 0.001 % 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 %.
▼ Regulation (EC) No 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures, and its amendments.
✦ Client has the obligation to comply with the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006, unless the use has been exempted from Authorization. Article 56(6) of Regulation (EC) No. 1907/2006 specified the concentration limit requirement of Authorization of SVHC in mixture.

The ECHA SVHC authorization list is available at https://echa.europa.eu/authorisation-list

This list is under evaluation by ECHA and may subject to change in the future.

3 Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.