VISOTTICACOMOTEC

Dongguan, 26/01/2021

Comotec Optical Products (Dongguan) Ltd. Informative Report according to the provisions of European Regulation (EC) No. 1907/2006 (REACh)

Dear Customer,

since June 1st 2007 the **REACh European Regulation (EC) No. 1907/2006** concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals produced or commercialized within the European Community became effective. The aim of this Regulation is to allow the responsible use of chemicals and to this end REACh provides for the registration at the European Community both for new chemicals and for those already existing on the market.

Comotec Optical Products (Dongguan) Ltd., as "manufacturer of articles" (and therefore "downstream user", as defined by Art. 3 clause 13 of REACh Regulation) has no obligation of pre-registration or registration, because the conditions requiring these fulfillments according to Art. 7 of the Regulation (Registration and notification of substances in articles) are not present.

Moreover, Comotec Optical Products (Dongguan) Ltd., with the aim of making the REACh enforcement easier in the private sector establishing some communication standards in the supply chain and in voluntary compliance with Art. 32 and 33 of the same, has arranged for its Customers this Informative Report and the related Technical Datasheets (containing the information extracted from the Safety Data Sheets arranged by suppliers of metal alloys) identifying the chemical composition of alloys used for glasses components.

Comotec Optical Products (Dongguan) Ltd. specifies that according to REACh Regulation (EC) No. 1907/2006 and up to the date of revision of this document, the spectacles components produced and/or commercialized included in the catalogue "Comfort for the vision 2019" and "Components for frames 2019":
(https://www.visotticacomotec.com/download/catalogue-products/)

- do not contain chemicals present in the attached "**Candidate List**" of the Substances of Very High Concern (SVHC), above the threshold limit of 0.1%.

- do not contain chemicals that are subjected to authorisation listed in the **Annex XIV** (List of Substances subject to Authorisation);

- can contain chemicals that are subjected to restrictions present in the **Annex XVII** (Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles), and in particular:

  - Nickel (CAS No. 7440-02-0), which can be present (6÷65% w/w) in the metal alloys constituting its articles and by those could be released in case of direct and prolonged contact with skin, with standards higher than the restrictions reported at point No. 27 of Annex XVII.
    To this end Visottica Industrie Spa reaffirms that the correct use of its components, intended for a professional user for the production of spectacle frames, requires not to put them in direct and prolonged contact with skin if they haven't been covered with appropriate Nickel-free coating guaranteeing a release not exceeding the limits imposed by Annex XVII of REACh Regulation.

Considering the dynamic nature of the Candidate List of SVHC substances, as well as of Annexes XIV and XVII of REACh Regulation No. 1907/2006, Visottica Industrie Spa will keep on monitoring them periodically and informing the downstream users should there be any necessity to use such substances.
This Informative Report complies with Standards and Regulations in force on the date in which it has been issued. An updated copy of this Informative Report and of the mentioned Technical Datasheets are downloadable from the website visotticacomotec.com.

Best regards,

Comotec Optical Products (Dongguan) Ltd.
General Manager
Ms. Valeria Milani

Comotec Optical Products (Dongguan) Limited
来利眼镜制品(东莞)有限公司

Attached: Candidate List of SVHC Substances

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Candidate List updated 19/01/2021

Candidate List of Substances of Very High Concern

	Substance identification		Date of inclusion	Reason for inclusion
	Substance name	EC (CAS No.)		
1	Anthracene	204-371-1	28.10.08	PBT (art. 57d)
2	4,4'-Diaminodiphenylmethane (MDA) (added to Annex XIV – Substances subject to Authorization)	202-974-4	28.10.08	Carcinogenic (art. 57a)
3	Dibutyl phthalate (DBP) (added to Annex XIV – Substances subject to Authorization)	201-557-4	28.10.08	Toxic for reproduction (art. 57c)
4	Cobalt dichloride	231-589-4	28.10.08 20.06.11	Carcinogenic and toxic for reproduction (art. 57a and c)
5	Diarsenic pentaoxide (added to Annex XIV – Substances subject to Authorization)	215-116-9	28.10.08	Carcinogenic (art. 57a)
6	Diarsenic trioxide (added to Annex XIV – Substances subject to Authorization)	215-481-4	28.10.08	Carcinogenic (art. 57a)
7	Sodium dichromate (added to Annex XIV – Substances subject to Authorization)	234-190-3 (7789-12-0 and 10588-01-9)	28.10.08	Carcinogenic, mutagenic and toxic for reproduction (art. 57a, 57b and 57c)
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) (added to Annex XIV – Substances subject to Authorization)	201-329-4	28.10.08	vPvB (art. 57e)
9	Bis (2-ethylhexyl)phthalate (DEHP) (added to Annex XIV – Substances subject to Authorization)	204-211-0	28.10.08 17.12.14	Toxic for reproduction (art. 57c); Equivalent level of concern having probable serious effects to the environment (art. 57f)
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: α-hexabromocyclododecane β-hexabromocyclododecane γ-hexabromocyclododecane (added to Annex XIV – Substances subject to Authorization)	247-148-4 and 221-695-9 (134237-50-6) (134237-51-7) (134237-52-8)	28.10.08	PBT (art. 57d)
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	28.10.08	PBT and vPvB (art. 57d - e)
12	Bis(tributyltin)oxide (TBTO)	200-268-0	28.10.08	PBT (art. 57d)
13	Lead hydrogen arsenate	232-064-2	28.10.08	Carcinogenic and toxic for reproduction (art. 57a and c)
14	Benzyl butyl phthalate (BBP) (added to Annex XIV – Substances subject to Authorization)	201-622-7	28.10.08	Toxic for reproduction (art. 57c)
15	Triethyl arsenate	427-700-2	28.10.08	Carcinogenic (art. 57a)
16	2,4-Dinitrotoluene (added to Annex XIV – Substances subject to Authorization)	204-450-0	13.01.10	Carcinogenic (art. 57a)
17	Anthracene oil (added to Annex XIV – Substances subject to Authorization)	292-602-7	13.01.10	Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57d, 57e)
18	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	13.01.10	Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57d, 57e)
19	Anthracene oil, anthracene-low	292-604-8	13.01.10	Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57b, 57d, 57e)
20	Anthracene oil, anthracene paste	292-603-2	13.01.10	Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57b, 57d, 57e)
21	Anthracene oil, anthracene paste, distn. lights	295-278-5	13.01.10	Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57b, 57d, 57e)
22	Diisobutyl phthalate (DIBP) (added to Annex XIV – Substances subject to Authorization)	201-553-2	13.01.10	Toxic for reproduction (art. 57c)

23	Lead chromate (added to Annex XIV – Substances subject to Authorization)	231-846-0	13.01.10	Carcinogenic and toxic for reproduction (art. 57a and c)
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) (added to Annex XIV – Substances subject to Authorization)	235-759-9	13.01.10	Carcinogenic and toxic for reproduction (art. 57a and c)
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34) (added to Annex XIV – Substances subject to Authorization)	215-693-7	13.01.10	Carcinogenic and toxic for reproduction (art. 57a and c)
26	Tris(2-chloroethyl)phosphate (added to Annex XIV – Substances subject to Authorization)	204-118-5	13.01.10	Toxic for reproduction (art. 57c)
27	Coal tar pitch, high temperature (added to Annex XIV – Substances subject to Authorization)	266-028-2	13.01.10	Carcinogenic, PBT and vPvB (art. 57a, 57d and 57e)
28	Acrylamide	201-173-7	30.03.10	Carcinogenic and mutagenic (art. 57a and 57b)
29	Boric acid	233-139-2 234-343-4	18.06.10	Toxic for reproduction (art. 57c)
30	Ammonium dichromate (added to Annex XIV – Substances subject to Authorization)	232-143-1	18.06.10	Carcinogenic, mutagenic and toxic for reproduction (art. 57a, 57b and 57c)
31	Disodium tetraborate, anhydrous	215-540-4	18.06.10	Toxic for reproduction (art. 57c)
32	Potassium chromate (added to Annex XIV – Substances subject to Authorization)	232-140-5	18.06.10	Carcinogenic and mutagenic (art. 57a and 57b)
33	Potassium dichromate (added to Annex XIV – Substances subject to Authorization)	231-906-6	18.06.10	Carcinogenic, mutagenic and toxic for reproduction (art. 57a, 57b and 57c)
34	Sodium chromate (added to Annex XIV – Substances subject to Authorization)	231-889-5	18.06.10	Carcinogenic, mutagenic and toxic for reproduction (art. 57a, 57b and 57c)
35	Tetraboron disodium heptaoxide, hydrate	235-541-3	18.06.10	Toxic for reproduction (art. 57c)
36	Trichloroethylene (added to Annex XIV – Substances subject to Authorization)	201-167-4	18.06.10	Carcinogenic (art. 57a)
37	2-Ethoxyethanol	203-804-1	15.12.10	Toxic for reproduction (art. 57c)
38	2-Methoxyethanol	203-713-7	15.12.10	Toxic for reproduction (art. 57c)
39	Chromic acid Dichromic acid Oligomers of chromic and dichromic acid (added to Annex XIV – Substances subject to Authorization)	231-801-5 236-881-5 -	15.12.10	Carcinogenic (art. 57a)
40	Chromium trioxide (added to Annex XIV – Substances subject to Authorization)	215-607-8	15.12.10	Carcinogenic and mutagenic (art. 57a and 57b)
41	Cobalt(II) carbonate	208-169-4	15.12.10	Carcinogenic and toxic for reproduction (art. 57a and c)
42	Cobalt(II) diacetate	200-755-8	15.12.10	Carcinogenic and toxic for reproduction (art. 57a and c)
43	Cobalt(II) dinitrate	233-402-1	15.12.10	Carcinogenic and toxic for reproduction (art. 57a and c)
44	Cobalt(II) sulphate	233-334-2	15.12.10	Carcinogenic and toxic for reproduction (art. 57a and c)
45	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (added to Annex XIV – Substances subject to Authorization)	276-158-1	20.06.11	Toxic for reproduction (art. 57c)
46	1,2,3-Trichloropropane	202-486-1	20.06.11	Carcinogenic and toxic for reproduction (art. 57a and c)
47	1-Methyl-2-pyrrolidone	212-828-1	20.06.11	Toxic for reproduction (art. 57c)
48	Hydrazine	206-114-9	20.06.11	Carcinogenic (art. 57a)
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) (added to Annex XIV – Substances subject to Authorization)	271-084-6	20.06.11	Toxic for reproduction (art. 57c)
50	Strontium chromate (added to Annex XIV – Substances subject to Authorization)	232-142-6	20.06.11	Carcinogenic (art. 57a)
51	2-Ethoxyethyl acetate	203-839-2	20.06.11	Toxic for reproduction (art. 57c)

52	Zirconia Aluminosilicate Refractory Ceramic Fibres *are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions:* *a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges* *b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm)* *c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight*	-	19.12.11	Carcinogenic (art. 57a)
53	Calcium arsenate	231-904-5	19.12.11	Carcinogenic (art. 57a)
54	Bis(2-methoxyethyl) ether **(added to Annex XIV – Substances subject to Authorization)**	203-924-4	19.12.11	Toxic for reproduction (art. 57c)
55	Potassium hydroxyoctaoxodizincatedichromate **(added to Annex XIV – Substances subject to Authorization)**	234-329-8	19.12.11	Carcinogenic (art. 57a)
56	Lead dipicrate	229-335-2	19.12.11	Toxic for reproduction (art. 57c)
57	N,N-dimethylacetamide	204-826-4	19.12.11	Toxic for reproduction (art. 57c)
58	Aluminosilicate Refractory Ceramic Fibres *are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions:* *a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges* *b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm)* *c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight*	-	19.12.11	Carcinogenic (art. 57a)
59	Arsenic acid **(added to Annex XIV – Substances subject to Authorization)**	231-901-9	19.12.11	Carcinogenic (art. 57a)
60	2-Methoxyaniline; o-Anisidine	201-963-1	19.12.11	Carcinogenic (art. 57a)
61	Trilead diarsenate	222-979-5	19.12.11	Carcinogenic and toxic for reproduction (art. 57a and c)
62	1,2-dichloroethane (EDC) **(added to Annex XIV – Substances subject to Authorization)**	203-458-1	19.12.11	Carcinogenic (art. 57a)
63	Pentazinc chromate octahydroxide **(added to Annex XIV – Substances subject to Authorization)**	256-418-0	19.12.11	Carcinogenic (art. 57a)
64	Formaldehyde, oligomeric reaction products with aniline **(added to Annex XIV – Substances subject to Authorization)**	500-036-1	19.12.11	Carcinogenic (art. 57a)
65	Bis(2-methoxyethyl) phthalate (DMEP) **(added to Annex XIV – Substances subject to Authorization)**	204-212-6	19.12.11	Toxic for reproduction (art. 57c)
66	4-(1,1,3,3-tetramethylbutyl)phenol **(added to Annex XIV – Substances subject to Authorization)**	205-426-2	19.12.11	Equivalent level of concern having probable serious effects to the environment (art. 57f)
67	Lead diazide, Lead azide	236-542-1	19.12.11	Toxic for reproduction (art. 57c)
68	Phenolphthalein	201-004-7	19.12.11	Carcinogenic (art. 57a)
69	Dichromium tris(chromate) **(added to Annex XIV – Substances subject to Authorization)**	246-356-2	19.12.11	Carcinogenic (art. 57a)
70	Lead styphnate	239-290-0	19.12.11	Toxic for reproduction (art. 57c)
71	2,2'-dichloro-4,4'-methylenedianiline (MOCA) **(added to Annex XIV – Substances subject to Authorization)**	202-918-9	19.12.11	Carcinogenic (art. 57a)
72	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) *[with ≥0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]*	208-953-6	18.06.12	Carcinogenic (art. 57a)
73	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) *[with ≥0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]*	229-851-8	18.06.12	Carcinogenic (art. 57a)
74	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	18.06.12	Carcinogenic (art. 57a)
75	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	423-400-0	18.06.12	Mutagenic (art. 57b)

76	Diboron trioxide	215-125-8	18.06.12	Toxic for reproduction (art. 57c)
77	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	18.06.12	Toxic for reproduction (art. 57c)
78	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol *[with ≥0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]*	209-218-2	18.06.12	Carcinogenic (art. 57a)
79	Lead(II) bis(methanesulfonate)	401-750-5	18.06.12	Toxic for reproduction (art. 57c)
80	Formamide	200-842-0	18.06.12	Toxic for reproduction (art. 57c)
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) *[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]*	219-943-6	18.06.12	Carcinogenic (art. 57a)
82	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	18.06.12	Toxic for reproduction (art. 57c)
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	18.06.12	Mutagenic (art. 57b)
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	18.06.12	Carcinogenic (art. 57a)
85	Pyrochlore, antimony lead yellow	232-382-1	19.12.12	Toxic for reproduction (art. 57c)
86	6-methoxy-m-toluidine (p-cresidine)	204-419-1	19.12.12	Carcinogenic (art. 57a)
87	Henicosafluoroundecanoic acid	218-165-4	19.12.12	vPvB (art. 57e)
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] *[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]*	247-094-1, 243-072-0, 256-356-4, 260-566-1	19.12.12	Equivalent level of concern having probable serious effects to the environment (art. 57f)
89	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] *[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]*	201-604-9, 236-086-3, 238-009-9	19.12.12	Equivalent level of concern having probable serious effects to the environment (art. 57f)
90	Dibutyltin dichloride (DBTC)	211-670-0	19.12.12	Toxic for reproduction (art. 57c)
91	Lead bis(tetrafluoroborate)	237-486-0	19.12.12	Toxic for reproduction (art. 57c)
92	Lead dinitrate	233-245-9	19.12.12	Toxic for reproduction (art. 57c)
93	Silicic acid, lead salt	234-363-3	19.12.12	Toxic for reproduction (art. 57c)
94	4-Aminoazobenzene	200-453-6	19.12.12	Carcinogenic (art. 57a)
95	Lead titanium zirconium oxide	235-727-4	19.12.12	Toxic for reproduction (art. 57c)
96	Lead monoxide (lead oxide)	215-267-0	19.12.12	Toxic for reproduction (art. 57c)
97	o-Toluidine	202-429-0	19.12.12	Carcinogenic (art. 57a)
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	19.12.12	Toxic for reproduction (art. 57c)
99	Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped *[with lead (Pb) content above the applicable generic concentration limit for 'toxicity for 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]*	272-271-5	19.12.12	Toxic for reproduction (art. 57c)
100	Trilead bis(carbonate)dihydroxide	215-290-6	19.12.12	Toxic for reproduction (art. 57c)
101	Furan	203-727-3	19.12.12	Carcinogenic (art. 57a)
102	N,N-dimethylformamide	200-679-5	19.12.12	Toxic for reproduction (art. 57c)
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated *[covering well-defined substances and UVCB substances, polymers and homologues]*	-	19.12.12	Equivalent level of concern having probable serious effects to the environment (art. 57f)

104	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]*	-	19.12.12	Equivalent level of concern having probable serious effects to the environment (art. 57f)
105	4,4'-methylenedi-o-toluidine	212-658-8	19.12.12	Carcinogenic (art. 57a)
106	Diethyl sulphate	200-589-6	19.12.12	Carcinogenic (art. 57a); Mutagenic (art. 57b)
107	Dimethyl sulphate	201-058-1	19.12.12	Carcinogenic (art. 57a)
108	Lead oxide sulfate	234-853-7	19.12.12	Toxic for reproduction (art. 57c)
109	Lead titanium trioxide	235-038-9	19.12.12	Toxic for reproduction (art. 57c)
110	Acetic acid, lead salt, basic	257-175-3	19.12.12	Toxic for reproduction (art. 57c)
111	[Phthalato(2-)]dioxotrilead	273-688-5	19.12.12	Toxic for reproduction (art. 57c)
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	19.12.12	PBT and vPvB (art. 57d - e)
113	N-methylacetamide	201-182-6	19.12.12	Toxic for reproduction (art. 57c)
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	19.12.12	Toxic for reproduction (art. 57c)
115	1,2-Diethoxyethane	211-076-1	19.12.12	Toxic for reproduction (art. 57c)
116	Tetralead trioxide sulphate	235-380-9	19.12.12	Toxic for reproduction (art. 57c)
117	N-pentyl-isopentylphthalate **(added to Annex XIV – Substances subject to Authorization)**	-	19.12.12	Toxic for reproduction (art. 57c)
118	Dioxobis(stearato)trilead	235-702-8	19.12.12	Toxic for reproduction (art. 57c)
119	Tetraethyllead	201-075-4	19.12.12	Toxic for reproduction (art. 57c)
120	Pentalead tetraoxide sulphate	235-067-7	19.12.12	Toxic for reproduction (art. 57c)
121	Pentacosafluorotridecanoic acid	276-745-2	19.12.12	vPvB (art. 57e)
122	Tricosafluorododecanoic acid	206-203-2	19.12.12	vPvB (art. 57e)
123	Heptacosafluorotetradecanoic acid	206-803-4	19.12.12	vPvB (art. 57e)
124	1-bromopropane (n-propyl bromide) **(added to Annex XIV – Substances subject to Authorization)**	203-445-0	19.12.12	Toxic for reproduction (art. 57c)
125	Methoxyacetic acid	210-894-6	19.12.12	Toxic for reproduction (art. 57c)
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	19.12.12	Carcinogenic (art. 57a)
127	Methyloxirane (Propylene oxide)	200-879-2	19.12.12	Carcinogenic (art. 57a); Mutagenic (art. 57b)
128	Trilead dioxide phosphonate	235-252-2	19.12.12	Toxic for reproduction (art. 57c)
129	o-aminoazotoluene	202-591-2	19.12.12	Carcinogenic (art. 57a)
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear **(added to Annex XIV – Substances subject to Authorization)**	284-032-2	19.12.12	Toxic for reproduction (art. 57c)
131	4,4'-oxydianiline and its salts	202-977-0	19.12.12	Carcinogenic (art. 57a); Mutagenic (art. 57b)
132	Orange lead (lead tetroxide)	215-235-6	19.12.12	Toxic for reproduction (art. 57c)
133	Biphenyl-4-ylamine	202-177-1	19.12.12	Carcinogenic (art. 57a)
134	Diisopentylphthalate (DiPP) **(added to Annex XIV – Substances subject to Authorization)**	210-088-4	19.12.12	Toxic for reproduction (art. 57c)
135	Fatty acids, C16-18, lead salts	292-966-7	19.12.12	Toxic for reproduction (art. 57c)
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	19.12.12	Equivalent level of concern having probable serious effects to the environment (art. 57f)
137	Sulfurous acid, lead salt, dibasic	263-467-1	19.12.12	Toxic for reproduction (art. 57c)
138	Lead cyanamidate	244-073-9	19.12.12	Toxic for reproduction (art. 57c)
139	Cadmium	231-152-8	20.06.13	Carcinogenic (art. 57a); Equivalent level of concern having probable serious effects to human health (art. 57f)

140	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	20.06.13	Toxic for reproduction (art. 57c); PBT (art. 57d)
141	Pentadecafluorooctanoic acid (PFOA)	206-397-9	20.06.13	Toxic for reproduction (art. 57c); PBT (art. 57d)
142	Dipentyl phthalate (DPP) **(added to Annex XIV – Substances subject to Authorization)**	205-017-9	20.06.13	Toxic for reproduction (art. 57c)
143	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]* **(added to Annex XIV – Substances subject to Authorization)**	-	20.06.13	Equivalent level of concern having probable serious effects to the environment (art. 57f)
144	Cadmium oxide	215-146-2	20.06.13	Carcinogenic (art. 57a); Equivalent level of concern having probable serious effects to human health (art. 57f)
145	Cadmium sulphide	215-147-8	16.12.13	Carcinogenic (art. 57a); Equivalent level of concern having probable serious effects to human health (art. 57f)
146	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	16.12.13	Carcinogenic (art. 57a)
147	Dihexyl phthalate (DnHP)	201-559-5	16.12.13	Toxic for reproduction (art. 57c)
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	16.12.13	Toxic for reproduction (art. 57c)
149	Trixylyl phosphate	246-677-8	16.12.13	Toxic for reproduction (art. 57c)
150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	16.12.13	Carcinogenic (art. 57a)
151	Lead di(acetate)	206-104-4	16.12.13	Toxic for reproduction (art. 57c)
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	16.06.14	Toxic for reproduction (art. 57c)
153	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	16.06.14	Toxic for reproduction (art. 57c)
154	Sodium peroxometaborate	231-556-4	16.06.14	Toxic for reproduction (art. 57c)
155	Cadmium chloride	233-296-7	16.06.14	Carcinogenic (art. 57a); Mutagenic (art. 57b); Toxic for reproduction (art. 57c); Equivalent level of concern having probable serious effects to human health (art. 57f)
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	17.12.14	PBT and vPvB (art. 57d - e)
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	17.12.14	Toxic for reproduction (art. 57c)
158	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)	-	17.12.14	Toxic for reproduction (art. 57c)
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	17.12.14	PBT (art. 57d)
160	Cadmium fluoride	232-222-0	17.12.14	Carcinogenic (art. 57a); Mutagenic (art. 57b); Toxic for reproduction (art. 57c); Equivalent level of concern having probable serious effects to human health (art. 57f)
161	Cadmium sulphate	233-331-6	17.12.14	Carcinogenic (art. 57a); Mutagenic (art. 57b); Toxic for reproduction (art. 57c); Equivalent level of concern having probable serious effects to human health (art. 57f)
162	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]	-	15.06.15	vPvB (art. 57e)
163	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥0.3% of dihexyl phthalate (EC No. 201-559-5)	271-094-0 272-013-1	15.06.15	Toxic for reproduction (art. 57c)

164	1,3-propanesultone	214-317-9	17.12.15	Carcinogenic (art. 57a)
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	17.12.15	vPvB (art. 57e)
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	17.12.15	vPvB (art. 57e)
167	Nitrobenzene	202-716-0	17.12.15	Toxic for reproduction (art. 57c)
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	-	17.12.15	Toxic for reproduction (art. 57c); PBT (art. 57d)
169	Benzo[def]chrysene	200-028-5	20.06.16	Carcinogenic (art. 57a); Mutagenic (art. 57b); Toxic for reproduction (art. 57c); PBT (art. 57d); vPvB (art. 57e)
170	4,4'-isopropylidenediphenol (Bisphenol-A)	201-245-8	12.01.17	Toxic for reproduction (art. 57c)
171	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]*	-	12.01.17	Equivalent level of concern having probable serious effects to the environment (art. 57f)
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts: Nonadecafluorodecanoic acid Ammonium nonadecafluorodecanoate Decanoic acid, nonadecafluoro-, sodium salt	 206-400-3 221-470-5 -	12.01.17	Toxic for reproduction (art. 57c); PBT (art. 57d)
173	p-(1,1-dimethylpropyl)phenol	201-280-9	12.01.17	Equivalent level of concern having probable serious effects to the environment (art. 57f)
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	07.07.17	vPvB (art. 57e)
175	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"™) *covering any of its individual anti- and syn-isomers or any combination thereof*	-	15.01.18	vPvB (Article 57e)
176	Benz[a]anthracene	200-280-6	15.01.18	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)
177	Cadmium carbonate	208-168-9	15.01.18	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
178	Cadmium hydroxide	244-168-5	15.01.18	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
179	Cadmium nitrate	233-710-6	15.01.18	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
180	Chrysene	205-923-4	15.01.18	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) *with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)*	-	15.01.18	Endocrine disrupting properties (Article 57(f) - environment)
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride *trimellitic anhydride; TMA*	209-008-0	27.06.18	Respiratory sensitising properties (Article 57(f) - human health)
183	Benzo[ghi]perylene	205-883-8	27.06.18	PBT (Article 57d) vPvB (Article 57e)
184	Decamethylcyclopentasiloxane (D5)	208-764-9	27.06.18	PBT (Article 57d) vPvB (Article 57e)
185	Dicyclohexyl phthalate (DCHP)	201-545-9	27.06.18	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) -

186	Disodium octaborate	234-541-0	27.06.18	Toxic for reproduction (Article 57c)
187	Dodecamethylcyclohexasiloxane (D6)	208-762-8	27.06.18	PBT (Article 57d) vPvB (Article 57e)
188	Ethylenediamine (EDA)	203-468-6	27.06.18	Respiratory sensitising properties (Article 57(f) - human health)
189	Lead	231-100-4	27.06.18	Toxic for reproduction (Article 57c)
190	*Octamethylcyclotetrasiloxane (D4)*	209-136-7	27.06.18	PBT (Article 57d) vPvB (Article 57e)
191	Terphenyl, hydrogenated	262-967-7	27.06.18	vPvB (Article 57e)
193	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one *3-benzylidene camphor; 3-BC*	239-139-9	15.01.19	Endocrine disrupting properties (Article 57(f) - environment)
	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	15.01.19	Toxic for reproduction (Article 57c)
194	Benzo[k]fluoranthene	205-916-6	15.01.19	Carcinogenic (Article 57a) PBT (Article 57d)
195	Fluoranthene	205-912-4	15.01.19	PBT (Article 57d) vPvB (Article 57e)
196	Phenanthrene	201-581-5	15.01.19	vPvB (Article 57e)
197	Pyrene	204-927-3	15.01.19	PBT (Article 57d) vPvB (Article 57e)
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*	-	16.07.19	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
199	2-methoxyethyl acetate	203-772-9	16.07.19	Toxic for reproduction (Article 57c)
200	4-tert-butylphenol	202-679-0	16.07.19	Endocrine disrupting properties (Article 57(f) - environment)
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	16.07.19	Endocrine disrupting properties (Article 57(f) - environment)
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	16.01.20	Toxic for reproduction (Article 57c)
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	16.01.20	Toxic for reproduction (Article 57c)
204	Diisohexyl phthalate	276-090-2	16.01.20	Toxic for reproduction (Article 57c)
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	16.01.20	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
206	1-vinylimidazole	214-012-0	25.06.20	Toxic for reproduction (Article 57c)
207	2-methylimidazole	211-765-7	25.06.20	Toxic for reproduction (Article 57c)
208	Butyl 4-hydroxybenzoate	202-318-7	25.06.20	Endocrine disrupting properties (Article 57(f) - human health)
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	25.06.20	Toxic for reproduction (Article 57c)
210	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	19.01.21	Toxic for reproduction (Article 57c)
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	-	19.01.21	Toxic for reproduction (Article 57c)