

# REGULATION (EC) NO 1907/2006 CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (REACH)

Holland Shielding Systems B.V. confirms that none of its products or packaging contain any of the 191 Substances of Very High Concern (SVHC) on the REACH Candidate List (dated 7/26/2018), shown below, in a concentration above the 0.1% by weight allowable limit:

Index	Chemical Name
191	Benzo[ghi]perylene
190	Decamethylcyclotrasiloxane (D5)
189	Disodium octaborate
188	Dodecamethylcyclohexasiloxane(D6)
187	Ethylenediamine
186	Lead
185	Octamethylcyclotetrasiloxane(D4)
184	Terphenyl, hydrogenated
183	Dicyclohexyl phthalate (DCHP)
182	benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)
181	Benzo[a]anthracene
180	Cadmium carbonate
179	Cadmium hydroxide
178	Cadmium nitrate
177	Chrysene
176	Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™")
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)
173	4,4'-isopropylidenediphenol (bisphenol A)
172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts
171	4-heptylphenol, branched and linear (4-HPbl)
170	p-(1,1-dimethylpropyl)phenol (PTAP)
169	Benzo[def]chrysene
168	Nitrobenzene
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)
165	1,3-propanesultone
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts
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)
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]
161	Bis (2-ethylhexyl)phthalate (DEHP)
160	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)
159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)
157	Cadmium fluoride
156	Cadmium sulphate
155	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)
154	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear
153	Cadmium chloride
152	Sodium perborate,perboric acid, sodium salt

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151	Sodium peroxometaborate
150	Cadmium sulphide
149	Dihexyl phthalate
148	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)
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)
146	Imidazolidine-2-thione (2-imidazoline-2-thiol)
145	Lead di(acetate)
144	Trixylyl phosphate
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]
142	Ammonium pentadecafluorooctanoate (APFO)
141	Cadmium
140	Cadmium oxide
139	Dipentyl phthalate (DPP)
138	Pentadecafluorooctanoic acid (PFOA)
137	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear
136	1,2-Diethoxyethane
135	1-bromopropane (n-propyl bromide)
134	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine
133	4,4'-methylenedi-o-toluidine
132	4,4'-oxydianiline and its salts
131	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]
130	4-Aminoazobenzene
129	4-methyl-m-phenylenediamine (toluene-2,4-diamine)
128	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]
127	6-methoxy-m-toluidine (p-cresidine)
126	[Phthalato(2-)]dioxotrilead
125	Acetic acid, lead salt, basic
124	Biphenyl-4-ylamine
123	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)
122	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]
121	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
120	Dibutyltin dichloride (DBTC)
119	Diethyl sulphate
118	Diisopentylphthalate
117	Dimethyl sulphate
116	Dinoseb (6-sec-butyl-2,4-dinitrophenol)
115	Dioxobis(stearato)trilead
114	Fatty acids, C16-18, lead salts
113	Furan
112	Henicosfluoroundecanoic acid
111	Heptacosfluorotetradecanoic acid

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110	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]
109	Lead bis(tetrafluoroborate)
108	Lead cyanamidate
107	Lead dinitrate
106	Lead monoxide (lead oxide)
105	Lead oxide sulfate
104	Lead titanium trioxide
103	Lead titanium zirconium oxide
102	Methoxyacetic acid
101	Methyloxirane (Propylene oxide)
100	N,N-dimethylformamide
99	N-methylacetamide
98	N-pentyl-isopentylphthalate
97	o-aminoazotoluene
96	o-Toluidine
95	Orange lead (lead tetroxide)
94	Pentacosafuorotridecanoic acid
93	Pentalead tetraoxide sulphate
92	Pyrochlore, antimony lead yellow
91	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), 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
90	Silicic acid, lead salt
89	Sulfurous acid, lead salt, dibasic
88	Tetraethyllead
87	Tetralead trioxide sulphate
86	Tricosafuorododecanoic acid
85	Trilead bis(carbonate) dihydroxide
84	Trilead dioxide phosphonate
83	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)
82	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)
81	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
80	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)
79	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)]
78	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)
77	[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)]
76	[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)]
75	Diboron trioxide
74	Formamide
73	Lead(II) bis(methanesulfonate)
72	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)
71	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)]
70	1,2-Dichloroethane
69	2,2'-dichloro-4,4'-methylenedianiline (MOCA)

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68	2-Methoxyaniline,o-Anisidine
67	4-(1,1,3,3-tetramethylbutyl)phenol
66	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 ( $\mu\text{m}$ ) c) alkaline oxide and alkali earth oxide ( $\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$ ) content less or equal to 18% by weight
65	Arsenic acid
64	Bis(2-methoxyethyl) ether
63	Bis(2-methoxyethyl) phthalate
62	Calcium arsenate
61	Dichromium tris(chromate)
60	Formaldehyde, oligomeric reaction products with aniline
59	Lead diazide, Lead azide
58	Lead dipicrate
57	Lead styphnate
56	N,N-dimethylacetamide
55	Pentazinc chromate octahydroxide
54	Phenolphthalein
53	Potassium hydroxyoctaoxodizincatedichromate
52	Trilead diarsenate
51	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 ( $\mu\text{m}$ ). c) alkaline oxide and alkali earth oxide ( $\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$ ) content less or equal to 18% by weight
50	Cobalt dichloride
49	1,2,3-trichloropropane
48	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters
46	1-Methyl-2-pyrrolidone (NMP)
45	2-Ethoxyethyl acetate
44	Hydrazine
43	Strontium chromate
42	2-Ethoxyethanol
41	2-Methoxyethanol
40	Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.
39	Chromium trioxide
38	Cobalt(II) carbonate
37	Cobalt(II) diacetate
36	Cobalt(II) dinitrate
35	Cobalt(II) sulphate
34	Ammonium dichromate
33	Boric acid
32	Disodium tetraborate, anhydrous
31	Potassium chromate
30	Potassium dichromate
29	Sodium chromate
28	Tetraboron disodium heptaoxide, hydrate

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27	Trichloroethylene
26	Acrylamide
25	2,4-Dinitrotoluene (2,4-DNT)
24	Anthracene oil
23	Anthracene oil, anthracene paste
22	Anthracene oil, anthracene paste, anthracene fraction
21	Anthracene oil, anthracene paste, distn. lights
20	Anthracene oil, anthracene-low
19	Diisobutyl phthalate (DIBP)
18	Lead chromate
17	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)
16	Lead sulfochromate yellow (C.I. Pigment Yellow 34)
15	Pitch, coal tar, high temp.
14	Tris(2-chloroethyl)phosphate
13	4,4'- Diaminodiphenylmethane (MDA)
12	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)
10	Anthracene
9	Benzyl butyl phthalate (BBP)
8	Bis(tributyltin) oxide (TBTO)
7	Diarsenic pentaoxide
6	Diarsenic trioxide
5	Dibutyl phthalate (DBP)
4	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hex- abromocyclododecane
3	Lead hydrogen arsenate
2	Sodium dichromate
1	Triethyl arsenate