



IDEAL INDUSTRIES, INC.

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CERTIFICATE OF COMPLIANCE

REGULATION (EC) No 1907/2006 CONCERNING THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH)

IDEAL INDUSTRIES, INC. confirms that none of its products or packaging sold by IDEAL INDUSTRIES, INC., under the IDEAL and Buchanan Construction Products brands contain any of the 211 Substances of Very High Concern (SVHC) from the ECHA Candidate Substance List, shown below, in a concentration above the 0.1% by weight allowable limit:

#	Substance Name	CAS #	SVHC Published Date
1	Anthracene	120-12-7	10-28-2008
2	4,4'-Diaminodiphenylmethane	101-77-9	10-28-2008
3	Dibutyl phthalate	84-74-2	10-28-2008
4	Cobalt dichloride	7646-79-9	10-28-2008
5	Diarsenic pentaoxide	1303-28-2	10-28-2008
6	Diarsenic trioxide	1327-53-3	10-28-2008
7	Sodium dichromate	7789-12-0 10588-01-9	10-28-2008
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	10-28-2008
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	12-17-2014 10-28-2008
10	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 134237-51-7 134237-50-6 134237-52-8	10-28-2008
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	10-28-2008
12	Bis(tributyltin)oxide	56-35-9	10-28-2008
13	Lead hydrogen arsenate	7784-40-9	10-28-2008
14	Triethyl arsenate	15606-95-8	10-28-2008
15	Benzyl butyl phthalate	85-68-7	10-28-2008

16	Anthracene oil	90640-80-5	1-13-2010
17	Anthracene oil, anthracene paste, distr. lights	91995-17-4	1-13-2010
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	1-13-2010
19	Anthracene oil, anthracene-low	90640-82-7	1-13-2010
20	Anthracene oil, anthracene paste	90640-81-6	1-13-2010
21	Coal tar pitch, <u>high temperature</u>	65996-93-2	1-13-2010
22	Acrylamide	79-06-1	1-13-2010
23	2,4-Dinitrotoluene	121-14-2	1-13-2010
24	Diisobutyl phthalate	84-69-5	1-13-2010
25	Lead chromate	7758-97-6	1-13-2010
26	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	1-13-2010
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	1-13-2010
28	Tris(2-chloroethyl)phosphate	115-96-8	1-13-2010
29	Trichloroethylene	79-01-6	6-18-2010
30	Boric acid	10043-35-3; 11113-50-14	6-18-2010
31	Disodium tetraborate, anhydrous	1330-43-4; 12179-04-3; 1303-96-4	6-18-2010
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	6-18-2010
33	Sodium chromate	7775-11-3	6-18-2010
34	<u>Potassium</u> chromate	7789-00-6	6-18-2010
35	Ammonium dichromate	7789-09-5	6-18-2010
36	Potassium dichromate	7778-50-9	6-18-2010
37	Cobalt sulfate	10124-43-3	12-15-2010
38	Cobalt dinitrate	10141-05-6	12-15-2010
39	Cobalt carbonate	513-79-1	12-15-2010
40	Cobalt diacetate	71-48-7	12-15-2010
41	2-Methoxyethanol	109-86-4	12-15-2010
42	2-Ethoxyethanol	110-80-5	12-15-2010
43	Chromium trioxide	1333-82-0	12-15-2010
44	Chromic acid; Dichromic acid	7738-94-5; 13530-68-2	12-15-2010
45	2-ethoxyethyl acetate	111-15-9	6-11-2011
46	strontium chromate	7789-06-2	6-11-2011
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	6-11-2011
48	Hydrazine	7803-57-8; 302-01-2	6-11-2011
49	1-methyl-2-pyrrolidone	872-50-4	6-11-2011
50	1,2,3-trichloropropane	96-18-4	6-11-2011
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	6-11-2011

52	Dichromium tris(chromate)	24613-89-6	12-19-2011
53	Potassium hydroxyoctaoxidizincatedi-chromate	11103-86-9	12-19-2011
54	Pentazinc chromate octahydroxide	49663-84-5	12-19-2011
55	Aluminosilicate Refractory Ceramic Fibres (RCF)*1	-	12-19-2011
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)*2	-	12-19-2011
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	12-19-2011
58	Bis(2-methoxyethyl) phthalate	117-82-8	12-19-2011
59	2-Methoxyaniline; o-Anisidine	90-04-0	12-19-2011
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	12-19-2011
61	1,2-Dichloroethane	107-06-2	12-19-2011
62	Bis(2-methoxyethyl) ether	111-96-6	12-19-2011
63	Arsenic acid	7778-39-4	12-19-2011
64	Calcium arsenate	7778-44-1	12-19-2011
65	Trilead diarsenate	3687-31-8	12-19-2011
66	N,N-dimethylacetamide (DMAC)	127-19-5	12-19-2011
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	12-19-2011
68	Phenolphthalein	77-09-8	12-19-2011
69	Lead azide Lead diazide	13424-46-9	12-19-2011
70	Lead styphnate	15245-44-0	12-19-2011
71	Lead dipicrate	6477-64-1	12-19-2011
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	6-18-2012
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	6-18-2012
74	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	6-18-2012
75	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	6-18-2012
76	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	6-18-2012
77	[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	6-18-2012
78	Diboron trioxide	1303-86-2	6-18-2012
79	Formamide	75-12-7	6-18-2012
80	Lead(II) bis(methanesulfonate)	17570-76-2	6-18-2012
81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	6-18-2012
82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	6-18-2012
83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	6-18-2012
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	6-18-2012
85	Bis(pentabromophenyl)ether(DecaBDE)	1163-19-5	9-3-2012
86	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	-	9-3-2012
87	Diazene-1,2-dicarboxamide(C, C'-azodi(formamide))	123-77-3	9-3-2012

88	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated-covering well-defined substances and UVCB substances, polymers and homologues	-	9-3-2012
89	Henicosafuoroundecanoic acid	2058-94-8	9-3-2012
90	Pentacosafuorotridecanoic acid	72629-94-8	9-3-2012
91	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7	9-3-2012
92	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	9-3-2012
93	Heptacosafuorotetradecanoic acid	376-06-7	9-3-2012
94	Diisopentylphthalate	605-50-5	9-3-2012
95	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	9-3-2012
96	N-pentyl-isopentylphthalate	776297-69-9	9-3-2012
97	Methoxy acetic acid	625-45-6	9-3-2012
98	Tricosafuorododecanoic acid	307-55-1	9-3-2012
99	1,2-Diethoxyethane	629-14-1	9-3-2012
100	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	9-3-2012
101	4-methyl-m-phenylenediamine(2,4-toluene-diamine)	95-80-7	9-3-2012
102	N-methylacetamide	79-16-3	9-3-2012
103	Pentaleadtetraoxidesulphate	12065-90-6	9-3-2012
104	Biphenyl-4-ylamine	92-67-1	9-3-2012
105	Dinoseb	88-85-7	9-3-2012
106	Dioxobis(stearato)trilead	12578-12-0	9-3-2012
107	Lead dinitrate	10099-74-8	9-3-2012
108	Tetralead trioxide sulphate	12202-17-4	9-3-2012
109	Lead oxide(lead monoxide)	1317-36-8	9-3-2012
110	Lead titanium trioxide	12060-00-3	9-3-2012
111	4,4' -methylenedi-o-toluidine	838-88-0	9-3-2012
112	Acetic acid, lead salt, basic	51404-69-4	9-3-2012
113	Dimethyl sulphate	77-78-1	9-3-2012
114	Furan	110-00-9	9-3-2012
115	Pyrochlore, antimony lead yellow	8012-00-8	9-3-2012
116	Tetraethyllead	78-00-2	9-3-2012
117	[Phthalato(2-)]dioxotrilead	69011-06-9	9-3-2012
118	Diethyl sulphate	64-67-5	9-3-2012
119	Lead cyanamidate	20837-86-9	9-3-2012
120	Silicic acid, barium salt, lead-doped	68784-75-8	9-3-2012
121	Trilead dioxide phosphonate	12141-20-7	9-3-2012
122	o-Toluidine; 2-Aminotoluene	95-53-4	9-3-2012
123	o-aminoazotoluene	97-56-3	9-3-2012

124	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	9-3-2012
125	6-methoxy-m-toluidine(p-cresidine)	120-71-8	9-3-2012
126	Dibutyltin dichloride(DBT)	683-18-1	9-3-2012
127	Lead Titanium Zirconium Oxide	12626-81-2	9-3-2012
128	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	9-3-2012
129	1-bromopropane	106-94-5	9-3-2012
130	Basiclead carbonate(trileadbis(carbonate)dihydroxide)	1319-46-6	9-3-2012
131	Fatty acids, C16-18, lead salts	91031-62-8	9-3-2012
132	Lead tetroxide(orange lead)	1314-41-6	9-3-2012
133	Sulfurous acid, lead salt, dibasic	62229-08-7	9-3-2012
134	4,4'-oxydianiline and its salts	101-80-4	9-3-2012
135	Lead oxide sulphate	12036-76-9	9-3-2012
136	Lead bis(tetrafluoroborate)	13814-96-6	9-3-2012
137	Silicic acid, lead salt	11120-22-2	9-3-2012
138	N,N-dimethylformamide; dimethyl formamide	68-12-2	9-3-2012
139	Cadium Oxide	1306-19-0	6-20-2013
140	Cadium	7440-43-9	6-20-2013
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	6-20-2013
142	Pentadecafluorooctanoic (PFOA)	335-67-1	6-20-2013
143	Dipentyl phthalate (DPP)	131-18-0	6-20-2013
144	4-Nonylphenol, branched and linear, ethoxylated	-	6-20-2013
145	Cadmium sulphide	1306-23-6	12-16-2013
146	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate	1937-37-7	12-16-2013
147	Dihexyl phthalate	84-75-3	12-16-2013
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	12-16-2013
149	Trixylyl phosphate	25155-23-1	12-16-2013
150	Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)	573-58-0	12-16-2013
151	Lead di(acetate)	301-04-2	12-16-2013
152	Cadmium chloride	10108-64-2	06-16-2014
153	Sodium peroxometaborate	7632-04-4	06-16-2014
154	Sodium perborate; perboric acid, sodium salt	-	06-16-2014
155	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	06-16-2014
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	12/17/2014
157	Cadmium sulphate	10124-36-4; 31119-53-6	12/17/2014
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	12/17/2014
159	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	12/17/2014

160	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)	-	12-17-2014
161	Cadmium fluoride	7790-79-6	12-17-2014
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]	-	06-15-2015
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)	68515-51-5; 68648-93-1	06-15-2015
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	4149-60-4; 375-95-1; 21049-39-8	12-17-2015
165	Nitrobenzene	98-95-3	12-17-2015
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	12-17-2015
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	12-17-2015
168	1,3-propanesultone	1120-71-4	12-17-2015
169	Benzo[def]chrysene	50-32-8	06-20-2016
170	p-(1,1-dimethylpropyl)phenol	80-46-6	01-12-2017
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts		01-12-2017
	Nonadecafluorodecanoic acid	335-76-2	01-12-2017
	Decanoic acid, nonadecafluoro-, sodium salt	3830-45-3	01-12-2017
	Ammonium nonadecafluorodecanoate	3108-42-7	01-12-2017
172	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	-	01-12-2017
173	4,4'-isopropylidenediphenol, Bisphenol A; BPA	80-05-7	01-12-2017
174	Perfluorohexane-1-sulphonic acid and its salts	-	07-07-2017
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	01-15-2018
176	Chrysene	218-01-9, 1719-03-5	01-15-2018
177	Cadmium nitrate	10022-68-1, 10325-94-7	01-15-2018
178	Cadmium hydroxide	21041-95-2	01-15-2018
179	Cadmium carbonate	513-78-0	01-15-2018
180	Benzo[a]anthracene	56-55-3, 1718-53-2	01-15-2018
181	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™")	-	01-15-2018
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	06-27-2018
183	Decamethylcyclopentasiloxane (D5)	541-02-6	06-27-2018
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	06-27-2018
185	Lead	7439-92-1	06-27-2018
186	Disodium octaborate	12008-41-2	06-27-2018
187	Benzo[ghi]perylene	191-24-2	06-27-2018

188	Terphenyl hydrogenated	61788-32-7	06-27-2018
189	Ethylenediamine (EDA)	107-15-3	06-27-2018
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	06-27-2018
191	Dicyclohexyl phthalate (DCHP)	84-61-7	06-27-2018
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	01-15-2019
193	Benzo[k]fluoranthene	207-08-9	01-15-2019
194	Fluoranthene	206-44-0	01-15-2019
195	Phenanthrene	85-01-8	01-15-2019
196	Pyrene	129-00-0	01-15-2019
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	01-15-2019
198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	07-16-2019
199	4-tert-butylphenol	98-54-4	07-16-2019
200	2-methoxyethyl acetate	110-49-6	07-16-2019
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	07-16-2019
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	01-19-2020
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	01-19-2020
204	Diisohexyl phthalate	71850-09-4	01-19-2020
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	01-19-2020
206	1-vinylimidazole	1072-63-5	06-25-2020
207	2-methylimidazole	693-98-1	06-25-2020
208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	06-25-2020
209	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8	06-25-2020
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	01-19-2021
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	-	01-19-2021

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