



Tubing and Identification Products

CERTIFICATE OF COMPLIANCE

Company: Dunbar Products, LLC.

Address: 1302 Champion Circle, Carrollton, TX 75006

Contact Person: Larry Stephens

Title: Project and Quality Manager

E-Mail: Larry.Stephens@hstubing.com

Telephone: 469-568-0800

P/N: Dunbar-1635F, Dunbar-1635S, Dunbar-1635Y/G, Dunbar-1625GT, Dunbar-1625W, Dunbar-1675, Dunbar-3635, Dunbar-3635W, Dunbar-3625WS, Dunbar-4635, Dunbar-4635WT, Dunbar-4635WS, Dunbar-4650WS, Dunbar-PMWT-FR, DUNBAR-PHWT-FR, Dunbar-DRET, Dunbar-CRFR, Dunbar-CATV, Dunbar-EIT-600, Dunbar-DR150, Dunbar-V200, Dunbar-FK150, Dunbar-DC-221, Dunbar-DC-321A, Dunbar-DC-M221, Dunbar-DC-M321A

This letter is to assure that the above-mentioned products distributed by the above-mentioned company, **do not contain** any of the 197 REACH Substances of Very High Concern (SVHC), as specified in the table below according to the Candidate list published by ECHA (European Chemical Agency).

	Substance Name	CAS #	SVHC Published Date
1	Anthracene	120-12-7	2008-10-28
2	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	2008-10-28
3	Dibutyl phthalate (DBP)	84-74-2	2008-10-28
4	Cobalt dichloride	7646-79-9	2008-10-28
5	Diarsenic pentaoxide	1303-28-2	2008-10-28
6	Diarsenic trioxide	1327-53-3	2008-10-28
7	Sodium dichromate	7789-12-0, 10588-01-9	2008-10-28
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	2008-10-28
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	2008-10-28
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (124237-52-8)	2008-10-28
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	2008-10-28
12	Bis(tributyltin) oxide (TBTO)	56-35-9	2008-10-28
13	Lead hydrogen arsenate	7784-40-9	2008-10-28
14	Triethyl arsenate	15606-95-8	2008-10-28
15	Benzyl butyl phthalate (BBP)	85-68-7	2008-10-28

16	2,4-Dinitrotoluene	121-14-2	2010-01-13
#	Substance Name	CAS #	SVHC Published Date
17	Anthracene oil	90640-80-5	2010-01-13
18	Anthracene oil, anthracene paste	90640-81-6	2010-01-13
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2010-01-13
20	Anthracene oil, anthracene paste, distn. lights	91995-17-4	2010-01-13
21	Anthracene oil, anthracene-low	90640-82-7	2010-01-13
22	Diisobutyl phthalate (DIBP)	84-69-5	2010-01-13
23	Lead chromate	7758-97-6	2010-01-13
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	2010-01-13
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2010-01-13
26	Pitch, coal tar, high temp.	65996-93-2	2010-01-13
27	Tris(2-chloroethyl)phosphate	115-96-8	2010-01-13
28	Acrylamide	79-06-1	2010-03-30
29	Trichloroethylene	79-01-6	2010-06-18
30	Boric acid	10043-35-3, 11113-50-1	2010-06-18
31	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	2010-06-18
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010-06-18
33	Sodium chromate	7775-11-3	2010-06-18
34	Potassium chromate	7789-00-6	2010-06-18
35	Ammonium dichromate	7789-09-5	2010-06-18
36	Potassium dichromate	7778-50-9	2010-06-18
37	2-Ethoxyethanol	110-80-5	2010-12-15
38	2-Methoxyethanol	109-86-4	2010-12-15
39	Chromic acid	7738-94-5, 13530-68-2	2010-12-15
40	Chromium trioxide	1333-82-0	2010-12-15
41	Cobalt(II) carbonate	513-79-1	2010-12-15
42	Cobalt(II) diacetate	71-48-7	2010-12-15
43	Cobalt(II) dinitrate	10141-05-6	2010-12-15
44	Cobalt(II) sulphate	10124-43-3	2010-12-15
45	1,2,3-Trichloropropane	96-18-4	2011-06-20
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	2011-06-20
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	2011-06-20
48	1-Methyl-2-pyrrolidone	872-50-4	2011-06-20
49	2-Ethoxyethyl acetate	111-15-9	2011-06-20
50	Hydrazine	302-01-2, 7803-57-8	2011-06-20
51	Strontium chromate	7789-06-2	2011-06-20
52	Dichromium tris(chromate)	24613-89-6	2011-12-19
53	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	2011-12-19

54	Pentazinc chromate octahydroxide	49663-84-5	2011-12-19
55	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	2011-12-19
#	Substance Name	CAS #	SVHC Published Date
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	2011-12-19
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	2011-12-19
58	Bis(2-methoxyethyl) phthalate	117-82-8	2011-12-19
59	2-Methoxyaniline; o-Anisidine	90-04-0	2011-12-19
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	2011-12-19
61	1,2-Dichloroethane	107-06-2	2011-12-19
62	Bis(2-methoxyethyl) ether	111-96-6	2011-12-19
63	Arsenic acid	7778-39-4	2011-12-19
64	Calcium arsenate	7778-44-1	2011-12-19
65	Trilead diarsenate	3687-31-8	2011-12-19
66	N,N-dimethylacetamide (DMAC)	127-19-5	2011-12-19
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	2011-12-19
68	Phenolphthalein	77-09-8	2011-12-19
69	Lead azide Lead diazide	13424-46-9	2011-12-19
70	Lead styphnate	15245-44-0	2011-12-19
71	Lead dipicrate	6477-64-1	2011-12-19
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)]	548-62-9	2012-06-18
73	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with \geq 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	2012-06-18
74	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	2012-06-18
75	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (J-TGIC)	59653-74-6	2012-06-18
76	Diboron trioxide	1303-86-2	2012-06-18
77	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	2012-06-18
78	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with _ 0.1% of Michler's ketone (ECNo. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	2012-06-18
79	Lead(II) bis(methanesulfonate)	17570-76-2	2012-06-18
80	Formamide	75-12-7	2012-06-18
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)]	2580-56-5	2012-06-18
82	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	2012-06-18
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	2012-06-18

84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	2012-06-18
#	Substance Name	CAS #	SVHC Published Date
85	Pyrochlore, antimony lead yellow	8012-00-8	2012-12-19
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	2012-12-19
87	Henicosaflluoroundecanoic acid	2058-94-8	2012-12-19
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	2012-12-19
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]	85-42-7, 13149-00-3, 14166-21-3	2012-12-19
90	Dibutyltin dichloride (DBTC)	683-18-1	2012-12-19
91	Lead bis(tetrafluoroborate)	13814-96-5	2012-12-19
92	Lead dinitrate	10099-74-8	2012-12-19
93	Silicic acid, lead salt	11120-22-2	2012-12-19
94	4-Aminoazobenzene	60-09-3	2012-12-19
95	Lead titanium zirconium oxide	12626-81-2	2012-12-19
96	Lead monoxide (lead oxide)	1317-36-8	2012-12-19
97	o-Toluidine	95-53-4	2012-12-19
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012-12-19
99	Silicic acid (H ₂ SiO 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]	68784-75-8	2012-12-19
100	Trilead bis(carbonate)dihydroxide	1319-46-6	2012-12-19
101	Furan	110-00-9	2012-12-19
102	N,N-dimethylformamide	68-12-2	2012-12-19
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	2012-12-19
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]	-	2012-12-19

#	Substance Name	CAS #	SVHC Published Date
105	4,4'-methylenedi-o-toluidine	838-88-0	2012-12-19
106	Diethyl sulphate	64-67-5	2012-12-19
107	Dimethyl sulphate	77-78-1	2012-12-19
108	Lead oxide sulfate	12036-76-9	2012-12-19
109	Lead titanium trioxide	12060-00-3	2012-12-19
110	Acetic acid, lead salt, basic	51404-69-4	2012-12-19
111	[Phthalato(2-)]dioxotrilead	69011-06-9	2012-12-19
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	2012-12-19
113	N-methylacetamide	79-16-3	2012-12-19
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	2012-12-19
115	1,2-Diethoxyethane	629-14-1	2012-12-19
116	Tetralead trioxide sulphate	12202-17-4	2012-12-19
117	N-pentyl-isopentylphthalate	776297-69-9	2012-12-19
118	Dioxobis(stearato)trilead	12578-12-0	2012-12-19
119	Tetraethyllead	78-00-2	2012-12-19
120	Pentalead tetraoxide sulphate	12065-90-6	2012-12-19
121	Pentacosafuorotridecanoic acid	72629-94-8	2012-12-19
122	Tricosafuorododecanoic acid	307-55-1	2012-12-19
123	Heptacosafuorotetradecanoic acid	376-06-7	2012-12-19
124	1-bromopropane (n-propyl bromide)	106-94-5	2012-12-19
125	Methoxyacetic acid	625-45-6	2012-12-19
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	2012-12-19
127	Methyloxirane (Propylene oxide)	75-56-9	2012-12-19
128	Trilead dioxide phosphonate	12141-20-7	2012-12-19
129	o-aminoazotoluene	97-56-3	2012-12-19
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	2012-12-19
131	4,4'-oxydianiline and its salts	101-80-4	2012-12-19
132	Orange lead (lead tetroxide)	1314-41-6	2012-12-19
133	Biphenyl-4-ylamine	92-67-1	2012-12-19
134	Diisopentylphthalate	605-50-5	2012-12-19
135	Fatty acids, C16-18, lead salts	91031-62-8	2012-12-19
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	2012-12-19
137	Sulfurous acid, lead salt, dibasic	62229-08-7	2012-12-19
138	Lead cyanamidate	20837-86-9	2012-12-19
139	Cadmium	7440-43-9	2013-06-20
140	Cadmium oxide	120-71-8	2013-06-20
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	2013-06-20
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013-06-20
143	Dipentyl phthalate (DPP)	131-18-0	2013-06-20
144	4-Nonylphenol, branched and linear, ethoxylated	-	2013-06-20
145	Cadmium sulphide	1306-23-6	2013-12-17
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	2013-12-17

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)	1937-37-7	2013-12-17
#	Substance Name	CAS #	SVHC Published Date
148	Dihexyl phthalate	84-75-3	2013-12-17
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	2013-12-17
150	Lead di(acetate)	301-04-2	2013-12-17
151	Trixylyl phosphate	25155-23-1	2013-12-17
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	2014-06-16
153	Sodium perborate; perboric acid, sodium salt	-	2014-06-16
154	Sodium peroxometaborate	7632-04-4	2014-06-16
155	Cadmium chloride	10108-64-2	2014-06-16
156	Cadmium fluoride	7790-79-6	2014-12-17
157	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)		2014-12-17
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	2014-12-17
159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	2014-12-17
160	Cadmium sulphate	10124-36-4 31119-53-6	2014-12-17
161	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	2014-12-17
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with \geq 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	2015-07-01 2015-07-01
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-1yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	-

164	Nitrobenzene	98-95-3	2015-12-17
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	2015-12-17
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	2015-12-17
167	1,3-propanesultone	1120-71-4	2015-12-17
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	2015-12-17
169	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	2016-06-20
170	4,4-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	2017-1-12
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	2017-1-12
172	p-(1,1-dimethylpropyl)phenol	80-46-6	2017-1-12
173	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 UCVB- and well-defined substances which include any of the individual isomers or a combination thereof]		2017-1-12
174	Perfluorohexane-1-sulphonic acid and its salts	-	2017-7-10
175	Benz[a]anthracene	56-55-3 1718-53-2	2018-1-23
176	Cadmium carbonate	513-78-0	2018-1-23
177	Cadmium hydroxide	21041-95-2	2018-1-23
178	Cadmium nitrate	10022-68-1 10325-94-7	2018-1-23
179	Chrysene	10022-68-1 10325-94-7	2018-1-23
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	-	2018-1-23
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, - formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	2018-1-23

#	Substance Name	CAS #	SVHC Published Date
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	2018-6-27
183	Benzo[ghi]perylene	205-883-8	2018-6-27
184	Decamethylcyclopentasiloxane	208-764-9	2018-6-27
185	Dicyclohexyl phthalate	201-545-9	2018-6-27
186	Disodium octaborate	234-541-0	2018-6-27
187	Dodecamethylcyclohexasiloxane	208-762-8	2018-6-27
188	Ethylenediamine	203-468-6	2018-6-27
189	Lead	231-100-4	2018-6-27
190	Octamethylcyclotetrasiloxane	209-136-7	2018-6-27
191	Terphenyl, hydrogenated	262-967-7	2018-6-27
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6
194	Benzo[k]fluoranthene	205-916-6	207-08-9
195	Fluoranthene	205-912-4	206-44-0
196	Phenanthrene	201-581-5	85-01-8
197	Pyrene	204-927-3	129-00-0

Signature:

Date: January 22 2019

Larry Stephens