



REACH Compliance Statement

Knowles Cazenovia, certifies that products from our Single-Layer, Thin-Film and Trimmer product lines are in compliance with EU Regulation No 1907/2006, Registration, Evaluation, Authorization and Restriction of Chemicals, also known as REACH.

All Knowles Cazenovia products fulfill the criteria of being articles under REACH. There are no substances intended to be released from these products under normal, or reasonably foreseeable conditions of use.

The Candidate List of Substances of Very High Concern can be found on the European Chemical Agency (ECHA) Website (<http://echa.europa.eu>).

Based on the information available to us, our products do not contain any substances on the Candidate List of Substances of Very High Concern (SVHC) as published by the ECHA at concentrations above 0.1% (wt/wt). Therefore, Knowles Cazenovia products are not subject to Registration or Notification. We are continuing to correspond with our suppliers regarding SVHCs and we will amend this response if we learn of any SVHCs in these products above the legal threshold.

SVHC Recent Publish Date: June 25, 2020

Total number of chemicals listed: 209

#	SUBSTANCE NAME	CAS #	SVHC Published Date
1	Anthracene	120-12-7	2008-10-28
2	4,4'- Diaminodiphenylmethane	101-77-9	2008-10-28
3	Benzyl butyl phthalate	85-68-7	2008-10-28
4	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	2008-10-28
5	Dibutyl phthalate	84-74-2	2008-10-28
6	Cobalt dichloride	7646-79-9	2008-10-28
7	Sodium dichromate dehydrate	7789-12-0	2008-10-28
8	Lead hydrogen arsenate	7784-40-9	2008-10-28
9	Diarsenic pentaoxide	1303-28-2	2008-10-28
10	Triethyl arsenate	15606-95-8	2008-10-28
11	Diarsenic trioxide	1327-53-3	2008-10-28
12	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	2008-10-28
13	Hexabromocyclododecane (HBCDD)	25637-99-4	2008-10-28
14	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	2008-10-28
15	Bis(tributyltin) oxide,hexabutyldistannoxane	56-35-9	2008-10-28
16	Anthracene oil	90640-80-5	2010-1-13
17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	2010-1-13

#	SUBSTANCE NAME	CAS #	SVHC Published Date
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2010-1-13
19	Anthracene oil, anthracene-low	90640-82-7	2010-1-13
20	Anthracene oil, anthracene paste	90640-81-6	2010-1-13
21	Diisobutyl phthalate	84-69-5	2010-1-13
22	Aluminosilicate Refractory Ceramic Fibres		2010-1-13
23	Lead chromate	7758-97-6	2010-1-13
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	2010-1-13
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2010-1-13
26	Tris(2-chloroethyl)phosphate	115-96-8	2010-1-13
27	Pitch, coal tar, high temp.	65996-93-2	2010-1-13
28	2,4-Dinitrotoluene	204-450-0	2010-1-13
29	Acrylamide	79-06-1	2010-3-30
30	Ammonium dichromate	7789-09-5	2010-6-18
31	Boric acid	10043-35-3	2010-6-18
32	Disodium tetraborate, anhydrous	1330-43-4	2010-6-18
33	Potassium chromate	7789-00-6	2010-6-18
34	Potassium dichromate	7778-50-9	2010-6-18
35	Trichloroethylene	79-01-6	2010-6-18
36	Sodium chromate	7775-11-3	2010-6-18
37	Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010-6-18
38	2-Ethoxyethanol	110-80-5	2010-12-15
39	2-Methoxyethanol	109-86-4	2010-12-15
40	Chromic Acid	7738-94-5	2010-12-15
41	Chromium trioxide	1333-82-0	2010-12-15
42	Cobalt(II) carbonate	513-79-1	2010-12-15
43	Cobalt(II) diacetate	71-48-7	2010-12-15
44	Cobalt(II) dinitrate	10141-05-6	2010-12-15
45	Cobalt(II) sulphate	10124-43-3	2010-12-15
46	2-Ethoxyethyl acetate	111-15-9	2011-6-20
47	Strontium chromate	7789-06-2	2011-6-20
48	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl Esters	68515-42-4	2011-6-20
49	Hydrazine	302-01-2 / 7803-57-8	2011-6-20
50	1-Methyl-2-pyrrolidone	872-50-4	2011-6-20
51	1,2,3-Trichloropropane	96-18-4	2011-6-20
52	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	2011-6-20
53	Potassium hydroxyoctaoxidizincatedi-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
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) ether	111-96-6	2011.12.19

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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) phthalate	117-82-8	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	α : α -Bis{4-(dimemethylamino)}-4 (phenylamino) naphthalene-1methanol, solvent-blue	246-356-2	2012.06.18
73	N,N, N',N'-tetramethyl-4,4'-methylendianiline	101-61-1	2012.06.18
74	1,3,5-tris(2S2R)-2,3-epoxypropyl, 1,3,5-triazine2,4,6-(1H,3H,5H)-trione	59653-74-6	2012.06.18
75	Diboron trioxide	1303-86-2	2012.06.18
76	1,2-bis(2-methoxyethoxy) ethane	1121-49-2	2012.06.18
77	4,4'-bis (dimethylamino)-4'' (methylamino) trityl alcohol with \geq 0.1% of Michlers ketone	561-41-1	2012.06.18
78	Lead (II) bis(methanesulfonate)	17570-76-2	2012.06.18
79	Formamide	75-12-7	2012.06.18
80	2,2' bis (dimethylamino benzhydrylidene) cyclohexa 2,5-dien01 ylidene dimethylammonium chloride	548-82-9	2012.06.18
81	1,2-dimethoxyethane, ethylene glycol dimethyl ether	110-71-4	2012.06.18
82	4-anilini-1-naphthyl-4 -- (dimethylamino) phenylmethylene, 2.3-dien-1 ylidebe dimethylammonium	2580-56-8	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 (Michlers ketone)	90-94-8	2012.06.18
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	2012.12.19
86	Pentacosafuorotridecanoic acid	72629-94-8	2012.12.19
87	Tricosafuorododecanoic acid	307-55-1	2012.12.19
88	Henicosafuoroundecanoic acid	2058-94-8	2012.12.19
89	Heptacosafuorotetradecanoic acid	376-06-7	2012.12.19
90	Diazene-1, 2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	2012.12.19
91	Cyclohexane-1,2dicarboxylic anhydride[1] Cis-cyclohexane-1,2- dicarboxylic anhydride[2] Trans-cyclohexane-1,2 dicarboxylic anhydride[3]	85-42-7 13149-00-3 14166-21-3	2012.12.19
92	Hexahydromethylphthalic anhydride [1] Hexahydro-4-methylphthalic anhydride [2]	25550-51-0 19438-60-9	2012.12.19

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	Hexahydro-1-methylphthalic anhydride [3] Hexahydro-3-methylphthalic anhydride [4]	48122-14-1 57110-29-9	
93	4-Nonylphenol, branched and linear	-	2012.12.19
94	4-(1,1,2,3-tetramethylbutyl)phenol, ethoxylated	-	2012.12.19
95	Methoxyacetic acid	625-45-6	2012.12.19
96	N,N-dimethylformamide	68-12-2	2012.12.19
97	Dibutyltin dichloride (DBTC)	683-018-1	2012.12.19
98	Lead monoxide (lead oxide)	1317-36-8	2012.12.19
99	Orange lead (lead tetroxide)	1314-41-6	2012.12.19
100	Lead bis(tetrafluoroborate)	13814-96-5	2012.12.19
101	Trilead bis(carbonate)dihydroxide	1319-46-6	2012.12.19
102	Lead titanium trioxide	12060-00-3	2012.12.19
103	Lead titanium zirconium oxide	1262-81-2	2012.12.19
104	Silicic acid, lead salt	11120-22-2	2012.12.19
105	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1) lead-doped	68784-75-8	2012.12.19
106	1-bromopropane (n-propyl bromide)	106-94-5	2012.12.19
107	Methyloxirane (propylene oxide)	75-56-9	2012.12.19
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	2012.12.19
109	Diisopentylphthalate (DIPP)	605-50-5	2012.12.19
110	N-pentyl-isopentylphthalate	776297-69-9	2012.12.19
111	1,2-diethoxyethane	629-14-1	2012.12.19
112	Acetic acid, lead salt, basic	51404-69-4	2012.12.19
113	Lead oxide sulfate	12036-76-9	2012.12.19
114	[Phthalato(2-)]dioxotrilead	69011-06-9	2012.12.19
115	Dioxobis(stearate)trilead	12578-12-0	2012.12.19
116	Fatty acids, C16-18, lead salts	91031-62-8	2012.12.19
117	Lead cyanamate	20837-86-9	2012.12.19
118	Lead dinitrate	10099-74-8	2012.12.19
119	Pentalead tetraoxide sulphate	12065-90-6	2012.12.19
120	Pyrochlore, antimony lead yellow	8012-00-8	2012.12.19
121	Sulfurous acid, lead salt, dibasic	62229-08-7	2012.12.19
122	Tetraethyllead	78-00-2	2012.12.19
123	Tetralead trioxide sulphate	12202-17-4	2012.12.19
124	Trilead dioxide phosphonate	12141-20-7	2012.12.19
125	Furan	110-00-9	2012.12.19
126	Diethyl sulphate	64-67-5	2012.12.19
127	Dimethyl sulphate	77-78-1	2012.12.19
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012.12.19
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	2012.12.19
130	4,4'-methylenedi-o-toluidine	838-88-0	2012.12.19
131	4,4'-oxydianiline and its salts	101-80-4	2012.12.19
132	4-aminoazobenzene	60-09-3	2012.12.19

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133	4-methyl-m-phenylenediamine (tolune-2,4-diamine)	95-80-7	2012.12.19
134	6-methoxy-m-toludine (p-cresidine)	120-71-8	2012.12.19
135	Biphenyl-4-ylamine	92-67-1	2012.12.19
136	o-aminoazotoluene [(4-o-tolylazo o-toluidene)]	97-56-3	2012.12.19
137	o-toluidine	95-53-4	2012.12.19
138	N-methylacetamide	79-16-3	2012.12.19
139	Cadmium	7440-43-9	2013.06.20
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	2013.06.20
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013.06.20
142	Dipentyl phthalate (DPP)	131-18-0	2013.06.20
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]		2013.06.20
144	Cadmium oxide	1306-19-0	2013.06.20
145	Cadmium sulphide	1306-23-6	2013.12.16
146	Dihexyl phthalate	84-75-3	2013.12.16
147	Disodium 3,3' [[1,1'-biphenyl]-4,4'-diylbis(azo)] Bis(4-aminonaphthalene-1-sulphonate) (C.I Direct Red 28)	573-58-0	2013.12.16
148	Sisodium 4-amino-3-[[4'-[(2,4-siaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo] -5hydroxy-6-(phenylazo) Naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	2013.12.16
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	2013.12.16
150	Lead di(acetate)	301-04-2	2013.12.16
151	Trixylyl phosphate	25155-23-1	2013.12.16
152	Cadmium Chloride	10108-64-2	2014.06.16
153	Sodium peroxometaborate	7632-04-4	2014.06.16
154	Sodium perborate; perboric acid, sodium salt	-	2014.06.16
155	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	2014.06.16
156	Cadmium fluoride	7790-79-6	2014.12.17
157	Cadmium sulphate	10124-36-4; 31119-53-6	2014.12.17
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	2014.12.17
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	2014.12.17
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	2014.12.17
161	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]		2014.12.17

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	-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)		
162	1,2-benzenedicarboxylic acid, diOC6-10-alkyl esters	68515-51-5	2015.06.15
	1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with > 0.3% of dihexyl phthalate (EC No. 201-559-5)	68648-93-1	2015.06.15
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 new combination)		2015.06.15
164	1,3-propanesultone	1120-71-4	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	Nitrobenzene	98-95-3	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	50-32-8	2016.06.20
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-46-6	2017.01.12
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	2017.01.12
172	p-(1,1-dimethylpropoyl)phenol	80-46-6	2017.01.12
173	4-heptylphenol, branches 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]		2017.01.12
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)		2017.07.07
175	Benz[a] anthracene	56-55-3, 1718-53-2	2018.01.15
176	Cadmium Carbonate	513-78-0	2018.01.15
177	Cadmium Hydroxide	21041-95-2	2018.01.15
178	Cadmium Nitrate	10022-68-1, 10325-94-7	2018.01.15
179	Chrysene	218-01-9, 1719-03-5	2018.01.15
180	Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10] octadeca-7,15-diene (Dechlorane Plus)		2018.01.15
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, Branched and linear (RP-HP)		2018.01.15
182	Octamethylclotetrasiloxane (D4)	556-67-2	2018.06.27

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183	Decamethylcyclopentasiloxane (D5)	541-02-6	2018.06.27
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	2018.06.27
185	Lead	7439-92-1	2018.06.27
186	Disodium octaborate	12008-41-2	2018.06.27
187	Benzo{ghi}perylene	191-24-2	2018.06.27
188	Terphenyl hydrogenated	61788-32-7	2018.06.27
189	Ethylenediamine (EDA)	107-15-3	2018.06.27
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	2018.06.27
191	Dicyclohexyl phthalate (DCHP)	84-61-7	2018.06.27
192	1,7,7-trimethyl-3(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	15087-24-8	2019.01.15
193	2,2-bis(4''-hydroxyphenyl)-4-methylpentane	6807-17-6	2019.01.15
194	Benzo[k]fluoranthene	207-08-9	2019.01.15
195	Fluoranthane	206-44-0; 93951-69-0	2019.01.15
196	Phenanthrene	85.01.8	2019.01.15
197	Pyrene	129-00-0 1718-52-1	2019.01.15
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) Propionic acid, its salts and its acyl halides		2019.07.16
199	2-methoxyethyl acetate	110-49-6	2019.07.16
200	4-tert-butylphenol	98-54-4	2019.07.16
201	Tris(4-nonylphenyl, branched and linear) Phosphite (TNPP) with > 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)		2019.07.16
202	Diisohexyl phthalate	71850-09-4	2020.01.16
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	2020.01.16
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	2020.01.16
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	2020.01.16
206	<i>Dibutylbis(pentane-2,4-dionato-O,O')tin</i>	<i>22673-19-4</i>	<i>2020.06.25</i>
207	<i>Butyl 4-hydroxybenzoate</i>	<i>94-26-8</i>	<i>2020.06.25</i>
208	<i>2-methylimidazole</i>	<i>693-98-1</i>	<i>2020.06.25</i>
209	<i>1-vinylimidazole</i>	<i>1072-63-5</i>	<i>2020.06.25</i>