



# Fair-Rite Products Corp.

*Ferrite Components for the Electronics Industry*

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## Declaration of Fair-Rite Product Corp.'s Non-Use of SVHCs in Components (re: REACH Regulation)

The components that Fair-Rite Products Corp. supplies do not contain any of the 205 Substances of Very High Concern (SVHCs) identified in the REACH Regulation in their composition or make-up (reference list below). Also, the components that Fair-Rite Products Corp. supplies do not contain any of the dangerous chemical substances, mixtures or articles identified in REACH Annex XIV nor in REACH Annex XVII.

SUBSTANCE NAME	CAS NUMBER
Anthracene	120-12-7
4,4'-Diaminodiphenylmethane	101-77-9
Dibutyl phthalate	84-74-2
Cobalt dichloride	7646-79-9
Diarsenic pentaoxide	1303-28-2
Diarsenic trioxide	1327-53-3
Sodium dichromate	7789-12-0
5-tert-butyl-2,4,6-trinitrom-xylene (musk xylene)	81-15-2
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	25637-99-4
Alkanes,C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
Bis(tributyltin) oxide	56-35-9
Lead hydrogen arsenate	7784-40-9
Triethyl arsenate	15606-95-8
Benzyl butyl phthalate	85-68-7
2,4-Dinitrotoluene	121-14-2
Anthracene oil	90640-80-5
Anthracene oil, anthracene paste, distn. Lights	91995-17-4
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
Anthracene oil, anthracene-low	90640-82-7
Anthracene oil, anthracene paste	90640-81-6
Diisobutyl phthalate	84-69-5
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 fulfill the three following conditions: a) oxides of aluminum, 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 alkaline 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	n/a
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 fulfill the three following conditions: a) oxides of aluminum 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 alkaline 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	n/a
Lead chromate	7758-97-6
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
Acrylamide	79-06-1
Tris(2-chloroethyl) phosphate	115-96-8
Coal tar pitch, high temperature	65996-93-2

SUBSTANCE NAME	CAS NUMBER
Trichloroethylene	79-01-6
Tetraboron disodium heptaxide, hydrate	12267-73-1
Sodium chromate	7775-11-3
Potassium chromate	7789-00-6
Ammonium dichromate	7789-09-5
Potassium dichromate	7778-50-9
Boric Acid	10043-35-6 11113-50-1
Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4
Cobalt(II) sulphate	10124-43-3
Cobalt(II) dinitrate	10141-05-6
Cobalt(II) carbonate	513-79-1
Cobalt(II) diacetate	71-48-7
2-Methoxyethanol	109-86-4
2-Ethoxyethanol	110-80-5
Chromium trioxide	1333-82-0
Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2 n/a
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
1,2,3-Trichloropropane	96-18-4
1-Methyl-2-pyrrolidone	872-50-4
Hydrazine	302-01-2 7803-57-8
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
Strontium chromate	7789-06-2
2-Ethoxyethyl acetate	111-15-9
Lead styphnate	15245-44-0
Lead diazide, Lead azide	13424-46-9
Lead dipicrate	6477-64-1
Phenolphthalein	77-09-8
2,2'-Dichloro-4,4'-methylenedianiline	101-14-4
N,N-dimethylacetamid	127-19-5
Trilead diarsenate	3687-31-8
Calcium arsenate	7778-44-1
Arsenic acid	7778-39-4
Bis(2-methoxyethyl) ether	111-96-6
1,2-Dichloroethane	107-06-2
4-(1,1,3,3-Tetramethylbutyl)phenol; 4-tert-octyl phenol	140-66-9
2-Methoxyaniline; o-Anisidine	90-04-0
Bis(2-methoxyethyl) phthalate	117-82-8
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
Dichromium tris(chromate)	24613-89-6
Potassium hydroxyoctaoxidizincatedichromate	11103-86-9
Pentazinc chromate octahydroxide	49663-84-5

SUBSTANCE NAME	CAS NUMBER
[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9
a,a-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
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	59653-74-6
Diboron Trioxide	1303-86-2
1,2-bis(2-methoxyethoxy)ethane(TEGDME; triglyme)	112-49-2
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1
Lead(II) bis(methanesulfonate)	17570-76-2
Formamide	75-12-7
[4-[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5
1,2-dimethoxyethane; ethylene glycol dimethyl ether (TGIC)	110-71-4
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
Methoxyacetic acid	625-45-6
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7
Methyloxirane (Propylene oxide)	75-56-9
Trilead dioxide phosphonate	12141-20-7
o-aminoazotoluene	97-56-3
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
4,4'-oxydianiline and its salts	101-80-4
Orange lead (lead tetroxide)	1314-41-6
Biphenyl-4-ylamine	92-67-1
Diisopentylphthalate	605-50-5
Fatty acids, C16-18, lead salts	91031-62-8
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
Sulfurous acid, lead salt, dibasic	62229-08-7
Lead cyanamidate	20837-86-9
Pyrochlore, antimony lead yellow	8012-00-8
6-methoxy-m-toluidine (p-cresidine)	120-71-8
Henicosfluoroundecanoic acid	2058-94-8
Dibutyltin dichloride (DBTC)	683-18-1
Lead bis(tetrafluoroborate)	13814-96-5
Lead dinitrate	10099-74-8
Silicic acid, lead salt	11120-22-2
1-bromopropane (n-propyl bromide)	106-94-5
Heptacosfluorotetradecanoic acid	376-06-7
4-Aminoazobenzene	60-09-3
Lead titanium zirconium oxide	12626-81-2
Lead monoxide (lead oxide)	1317-36-8
o-Toluidine	95-53-4

SUBSTANCE NAME	CAS NUMBER
Tricosafuorododecanoic acid	307-55-1
Pentacosafuorotridecanoic acid	72629-94-8
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[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]</i>	25550-51-0 19438-60-9 48122-14-1 57110-29-9
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[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]</i>	85-42-7 13149-00-3 14166-21-3
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped <i>[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]</i>	68784-75-8
Trilead bis(carbonate)dihydroxide	1319-46-6
Furan	110-00-9
N,N-dimethylformamide	68-12-2
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <i>[covering well-defined substances and UVCB substances, polymers and homologues]</i>	n/a
4-Nonylphenol, branched and linear <i>[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]</i>	n/a
4,4'-methylenedi-o-toluidine	838-88-0
Diethyl sulphate	64-67-5
Dimethyl sulphate	77-78-1
Lead oxide sulfate	12036-76-9
Lead titanium trioxide	12060-00-3
Acetic acid, lead salt, basic	51404-69-4
[Phthalato(2-)]dioxotrilead	69011-06-9
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5
N-methylacetamide	79-16-3
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
1,2-Diethoxyethane	629-14-1
Tetralead trioxide sulphate	12202-17-4
N-pentyl-isopentylphthalate	776297-69-9
Dioxobis( tearate)trilead	12578-12-0
Tetraethyllead	78-00-2
Pentalead tetraoxide sulphate	12065-90-6
4-Nonylphenol, branched and linear, ethoxylated <i>[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]</i>	n/a
Cadmium oxide	1306-19-0
Cadmium	7440-43-9
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1

SUBSTANCE NAME	CAS NUMBER
Pentadecafluorooctanoic acid (PFOA)	335-67-1
Dipentyl phthalate (DPP)	131-18-0
Cadmium sulphide	1306-23-6
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
Dihexyl phthalate	84-75-3
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7
Trixylyl phosphate	25155-23-1
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
Lead di(acetate)	301-04-2
Cadmium Chloride	10108-64-2
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
Sodium peroxometaborate	7632-04-4
Sodium perborate; perboric acid, sodium salt	n/a
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
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)	n/a
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
Cadmium fluoride	7790-79-6
Cadmium sulphate	10124-36-4 31119-53-6
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
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]	n/a
1,3-propanesultone	1120-71-4
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
Nitrobenzene	98-95-3
Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8
4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7
p-(1,1-dimethylpropyl)phenol	80-46-6
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]	n/a
Perfluorohexane-1-sulphonic acid and its salts	n/a
Cadmium carbonate	513-78-0

SUBSTANCE NAME	CAS NUMBER
Benz[a]anthracene	56-55-3 1718-53-2
Cadmium hydroxide	21041-95-2
Cadmium nitrate	10022-68-1 10325-94-7
Chrysene	218-01-9 1719-03-5
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) covering any of its individual anti- and syn-isomers or any combination thereof	n/a
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)	n/a
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7
Benzo[ghi]perylene	191-24-2
Decamethylcyclopentasiloxane (D5)	541-02-6
Dicyclohexyl phthalate (DCHP)	84-61-7
Disodium octaborate	12008-41-2
Dodecamethylcyclohexasiloxane (D6)	540-97-6
Ethylenediamine (EDA)	107-15-3
Lead	7439-92-1
Octamethylcyclotetrasiloxane (D4)	556-67-2
Terphenyl, hydrogenated	61788-32-7
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
Benzo[k]fluoranthene	207-08-9
Fluoranthene	206-44-0 93951-69-0
Phenanthrene	85-01-8
Pyrene	129-00-0 1718-52-1
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	n/a
2-methoxyethyl acetate	110-49-6
4-tert-butylphenol	98-54-4
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	n/a
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
Diisohexyl phthalate	71850-09-4
Perfluorobutane sulfonic acid (PFBS) and its salts	n/a

Fair-Rite Products Corp. is a producer of articles that do not contain SVHCs. Fair-Rite Products will monitor publications for changes to this list. If any prohibited substances affect products that are purchased from us, Fair-Rite will notify customers in a reasonable amount of time.



Rich Eckmann  
Director of Quality