



Fair-Rite Products Corp.

Ferrite Components for the Electronics Industry

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Declaration of Fair-Rite Product Corp.'s Non-Use of 161 SVHCs in Components (re: REACH Regulation)

The components that Fair-Rite Products Corp. supplies do not contain any of the 161 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 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 (μm) 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 (μm) 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 ≥ 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 ≥ 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 (β-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 ≥ 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 ≥ 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 ₂ Si ₂ O ₅), 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(stearato)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

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