

CERTIFICATE OF COMPLIANCE

05/26/2017

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The product(s) manufactured by PC Specialties Inc. meet the requirements of the REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). The products of PC Specialties Inc. do not contain any substances on the Candidate List of Substances of Very High Concern (SVHC) above the regulated level.

This certification applies to the REACH-SVHC (Substances of Very High Concern), as specified in the table below according to the Candidate list published by ECHA (European Chemical Agency) – last updated 01/12/2017. This is a company level certification.

| Substance Name | CAS # | Concentration Threshold (PPM) | Date of inclusion |
|---|------------|-------------------------------|-------------------|
| Anthracene | 120-12-7 | 1000 | 2008.10.28 |
| 4,4'- Diaminodiphenylmethane | 101-77-9 | 1000 | 2008.10.28 |
| Dibutyl phthalate | 84-74-2 | 1000 | 2008.10.28 |
| Cobalt dichloride | 7646-79-9 | 1000 | 2008.10.28 |
| Diarsenic pentaoxide | 1303-28-2 | 1000 | 2008.10.28 |
| Diarsenic trioxide | 1327-53-3 | 1000 | 2008.10.28 |
| Sodium dichromate, dihydrate | 10588-01-9 | 1000 | 2008.10.28 |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 81-15-2 | 1000 | 2008.10.28 |
| Bis (2-ethyl(hexyl)phthalate) (DEHP) | 117-81-7 | 1000 | 2008.10.28 |
| Hexabromocyclododecane (HBCDD) | 3194-55-6 | 1000 | 2008.10.28 |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8 | 1000 | 2008.10.28 |
| Bis(tributyltin) oxide,hexabutyldistannoxane | 56-35-9 | 1000 | 2008.10.28 |
| Lead hydrogen arsenate | 7784-40-9 | 1000 | 2008.10.28 |
| Triethyl arsenate | 15606-95-8 | 1000 | 2008.10.28 |
| Benzyl butyl phthalate | 85-68-7 | 1000 | 2008.10.28 |
| 2,4-Dinitrotoluene | 121-14-2 | 1000 | 2010.1.13 |
| Anthracene oil | 90640-80-5 | 1000 | 2010.1.13 |

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| Anthracene oil, anthracene paste | 90640-81-6 | 1000 | 2010.1.13 |
| Anthracene oil, anthracene paste, anthracene fraction | 91995-15-2 | 1000 | 2010.1.13 |
| Anthracene oil, anthracene paste, distn. lights | 91995-17-4 | 1000 | 2010.1.13 |
| Anthracene oil, anthracene-low | 90640-82-7 | 1000 | 2010.1.13 |
| Diisobutyl phthalate | 84-69-5 | 1000 | 2010.1.13 |
| Lead chromate | 7758-97-6 | 1000 | 2010.1.13 |
| Lead chromate molybdate sulphate red (C.I. Pigment Red 104) | 12656-85-8 | 1000 | 2010.1.13 |
| Lead sulfochromate yellow (C.I. Pigment Yellow 34) | 1344-37-2 | 1000 | 2010.1.13 |
| Pitch, coal tar, high temp. | 65996-93-2 | 1000 | 2010.1.13 |
| Tris(2-chloroethyl)phosphate | 115-96-8 | 1000 | 2010.1.13 |
| Acrylamide | 79-06-1 | 1000 | 2010.3.30 |
| Trichloroethylene | 79-01-6 | 1000 | 2010.6.18 |
| Boric acid | 10043-35-3 | 1000 | 2010.6.18 |
| Disodium tetraborate, anhydrous | 1330-43-4 | 1000 | 2010.6.18 |
| Tetraboron disodium heptaoxide, hydrate | 12267-73-1 | 1000 | 2010.6.18 |
| Sodium chromate | 7775-11-3 | 1000 | 2010.6.18 |
| Potassium chromate | 7789-00-6 | 1000 | 2010.6.18 |
| Ammonium dichromate | 7789-09-5 | 1000 | 2010.6.18 |
| Potassium dichromate | 7778-50-9 | 1000 | 2010.6.18 |
| 2-Ethoxyethanol | 110-80-5 | 1000 | 2010.12.15 |
| 2-Methoxyethanol | 109-86-4 | 1000 | 2010.12.15 |
| Chromic acid | 7738-94-5 | 1000 | 2010.12.15 |
| Chromium trioxide | 1333-82-0 | 1000 | 2010.12.15 |
| Cobalt(II) carbonate | 513-79-1 | 1000 | 2010.12.15 |
| Cobalt(II) diacetate | 71-48-7 | 1000 | 2010.12.15 |
| Cobalt(II) dinitrate | 10141-05-6 | 1000 | 2010.12.15 |
| Cobalt(II) sulphate | 10124-43-3 | 1000 | 2010.12.15 |
| 1,2,3-Trichloropropane | 96-18-4 | 1000 | 2011.6.20 |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | 71888-89-6 | 1000 | 2011.6.20 |
| Cobalt dichloride | 7646-79-9 | | 2011/06/20 - 2008/10/28 |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 68515-42-4 | 1000 | 2011.6.20 |
| 1-Methyl-2-pyrrolidone | 872-50-4 | 1000 | 2011.6.20 |
| 2-Ethoxyethyl acetate | 111-15-9 | 1000 | 2011.6.20 |
| Hydrazine | 302-01-2 / 7803-57-8 | 1000 | 2011.6.20 |

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| Strontium chromate | 7789-06-2 | 1000 | 2011.6.20 |
| Dichromium tris(chromate) | 24613-89-6 | 1000 | 2011.12.19 |
| Potassium hydroxyoctaoxodizincatedi-chromate | 11103-86-9 | 1000 | 2011.12.19 |
| Pentazinc chromate octahydroxide | 49663-84-5 | 1000 | 2011.12.19 |
| Aluminosilicate Refractory Ceramic Fibres (RCF) | - | 1000 | 2011.12.19 |
| Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) | - | 1000 | 2011.12.19 |
| Formaldehyde, oligomeric reaction products with aniline (technical MDA) | 25214-70-4 | 1000 | 2011.12.19 |
| Bis(2-methoxyethyl) phthalate | 117-82-8 | 1000 | 2011.12.19 |
| 2-Methoxyaniline; o-Anisidine | 90-04-0 | 1000 | 2011.12.19 |
| 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) | 140-66-9 | 1000 | 2011.12.19 |
| 1,2-Dichloroethane | 107-06-2 | 1000 | 2011.12.19 |
| Bis(2-methoxyethyl) ether | 111-96-6 | 1000 | 2011.12.19 |
| Arsenic acid | 7778-39-4 | 1000 | 2011.12.19 |
| Calcium arsenate | 7778-44-1 | 1000 | 2011.12.19 |
| Trilead diarsenate | 3687-31-8 | 1000 | 2011.12.19 |
| N,N-dimethylacetamide (DMAC) | 127-19-5 | 1000 | 2011.12.19 |
| 2,2'-dichloro-4,4'-methylenedianiline (MOCA) | 101-14-4 | 1000 | 2011.12.19 |
| Phenolphthalein | 77-09-8 | 1000 | 2011.12.19 |
| Lead azide Lead diazide | 13424-46-9 | 1000 | 2011.12.19 |
| Lead styphnate | 15245-44-0 | 1000 | 2011.12.19 |
| Lead dipicrate | 6477-64-1 | 1000 | 2011.12.19 |
| 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 | 1000 | 2012.6.18 |
| N,N,N',N'.tetramethyl.4,4'.methylenedianiline (Michler's base) | 101-61-1 | 1000 | 2012.6.18 |
| 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 | 1000 | 2012.6.18 |
| Diboron trioxide | 1303-86-2 | 1000 | 2012.6.18 |
| 1,2.bis(2.methoxyethoxy)ethane (TEGDME; triglyme) | 112-49-2 | 1000 | 2012.6.18 |
| 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 | 1000 | 2012.6.18 |
| Lead(II) bis(methanesulfonate) | 17570-76-2 | 1000 | 2012.6.18 |
| Formamide | 75-12-7 | 1000 | 2012.6.18 |

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| [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 | 1000 | 2012.6.18 |
| 1,2.dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 1000 | 2012.6.18 |
| [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 | 1000 | 2012.6.18 |
| 1,3,5.Tris(oxiran.2.ylmethyl).1,3,5.triazinane.2,4,6.trione (TGIC) | 2451-62-9 | 1000 | 2012.6.18 |
| 4,4'.bis(dimethylamino)benzophenone (Michler's ketone) | 90-94-8 | 1000 | 2012.6.18 |
| Pyrochlore, antimony lead yellow | 8012-00-8 | 1000 | 2012.12.19 |
| 6-methoxy-m-toluidine (p-cresidine) | 120-71-8 | 1000 | 2012.12.19 |
| Henicosaflluoroundecanoic acid | 2058-94-8 | 1000 | 2012.12.19 |
| Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] | 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 | 1000 | 2012.12.19 |
| Cyclohexane-1,2-dicarboxylic 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 | 1000 | 2012.12.19 |
| Dibutyltin dichloride (DBTC) | 683-18-1 | 1000 | 2012.12.19 |
| Lead bis(tetrafluoroborate) | 13814-96-5 | 1000 | 2012.12.19 |
| Lead dinitrate | 10099-74-8 | 1000 | 2012.12.19 |
| Silicic acid, lead salt | 11120-22-2 | 1000 | 2012.12.19 |
| 4-Aminoazobenzene | 60-09-3 | 1000 | 2012.12.19 |
| Lead titanium zirconium oxide | 12626-81-2 | 1000 | 2012.12.19 |
| Lead monoxide (lead oxide) | 1317-36-8 | 1000 | 2012.12.19 |
| o-Toluidine | 95-53-4 | 1000 | 2012.12.19 |
| 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | 1000 | 2012.12.19 |
| Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped | 68784-75-8 | 1000 | 2012.12.19 |
| Trilead bis(carbonate)dihydroxide | 1319-46-6 | 1000 | 2012.12.19 |
| Furan | 110-00-9 | 1000 | 2012.12.19 |
| N,N-dimethylformamide | 68-12-2 | 1000 | 2012.12.19 |
| 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated | | 1000 | 2012.12.19 |

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| 4-Nonylphenol, branched and linear | | 1000 | 2012.12.19 |
| 4,4'-methylenedi-o-toluidine | 838-88-0 | 1000 | 2012.12.19 |
| Diethyl sulphate | 64-67-5 | 1000 | 2012.12.19 |
| Dimethyl sulphate | 77-78-1 | 1000 | 2012.12.19 |
| Lead oxide sulfate | 12036-76-9 | 1000 | 2012.12.19 |
| Lead titanium trioxide | 12060-00-3 | 1000 | 2012.12.19 |
| Acetic acid, lead salt, basic | 51404-69-4 | 1000 | 2012.12.19 |
| [Phthalato(2-)]dioxotrilead | 69011-06-9 | 1000 | 2012.12.19 |
| Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) | 1163-19-5 | 1000 | 2012.12.19 |
| N-methylacetamide | 79-16-3 | 1000 | 2012.12.19 |
| Dinoseb (6-sec-butyl-2,4-dinitrophenol) | 88-85-7 | 1000 | 2012.12.19 |
| 1,2-Diethoxyethane | 629-14-1 | 1000 | 2012.12.19 |
| Tetralead trioxide sulphate | 12202-17-4 | 1000 | 2012.12.19 |
| N-pentyl-isopentylphthalate | 776297-69-9 | 1000 | 2012.12.19 |
| Dioxobis(stearato)trilead | 12578-12-0 | 1000 | 2012.12.19 |
| Tetraethyllead | 78-00-2 | 1000 | 2012.12.19 |
| Pentalead tetraoxide sulphate | 12065-90-6 | 1000 | 2012.12.19 |
| Pentacosafuorotridecanoic acid | 72629-94-8 | 1000 | 2012.12.19 |
| Tricosafuorododecanoic acid | 307-55-1 | 1000 | 2012.12.19 |
| Heptacosafuorotetradecanoic acid | 376-06-7 | 1000 | 2012.12.19 |
| 1-bromopropane (n-propyl bromide) | 106-94-5 | 1000 | 2012.12.19 |
| Methoxyacetic acid | 625-45-6 | 1000 | 2012.12.19 |
| 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | 95-80-7 | 1000 | 2012.12.19 |
| Methyloxirane (Propylene oxide) | 75-56-9 | 1000 | 2012.12.19 |
| Trilead dioxide phosphonate | 12141-20-7 | 1000 | 2012.12.19 |
| o-aminoazotoluene | 97-56-3 | 1000 | 2012.12.19 |
| 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0 | 1000 | 2012.12.19 |
| 4,4'-oxydianiline and its salts | 101-80-4 | 1000 | 2012.12.19 |
| Orange lead (lead tetroxide) | 1314-41-6 | 1000 | 2012.12.19 |
| Biphenyl-4-ylamine | 92-67-1 | 1000 | 2012.12.19 |
| Diisopentylphthalate | 605-50-5 | 1000 | 2012.12.19 |
| Fatty acids, C16-18, lead salts | 91031-62-8 | 1000 | 2012.12.19 |
| Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 | 1000 | 2012.12.19 |
| Sulfurous acid, lead salt, dibasic | 62229-08-7 | 1000 | 2012.12.19 |
| Lead cyanamidate | 20837-86-9 | 1000 | 2012.12.19 |
| Cadmium | 7440-43-9 | 1000 | 2013.6.20 |

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| Cadmium oxide | 1306-19-0 | 1000 | 2013.6.20 |
| Dipentyl phthalate (DPP) | 131-18-0 | 1000 | 2013.6.20 |
| 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] | | 1000 | 2013.6.20 |
| Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 1000 | 2013.6.20 |
| Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 1000 | 2013.6.20 |
| Trixylyl phosphate | 25155-23-1 | 1000 | 12/16/2013 |
| Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) | 573-58-0 | 1000 | 12/16/2013 |
| Lead di(acetate) | 301-04-2 | 1000 | 12/16/2013 |
| Cadmium sulphide | 1306-23-6 | 1000 | 12/16/2013 |
| 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 | 1000 | 12/16/2013 |
| Dihexyl phthalate | 84-75-3 | 1000 | 12/16/2013 |
| Imidazolidine-2-thione (2-imidazoline-2-thiol) | 96-45-7 | 1000 | 12/16/2013 |
| 1,2-Benzenedicarboxylic acid, dihexylester, branched and linear | 68515-50-4 | 1000 | 6/16/2014 |
| Sodium peroxometaborate | 4/4/7632 | 1000 | 6/16/2014 |
| Cadmium chloride | 10108-64-2 | 1000 | 6/16/2014 |
| Sodium perborate,perboric acid, sodium salt | 15120-21-5 | 1000 | 6/16/2014 |
| Bis (2-ethylhexyl)phthalate (DEHP) | 117-81-7 | 1000 | 2014/12/17; 2008/10/28 |
| 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 1000 | 12/17/2014 |
| Bis (2-ethylhexyl)phthalate (DEHP) | 117-81-7 | | 2014/12/17; 2008/10/28 |
| Cadmium sulphate | 10124-36-4*3 1119-53-6 | 1000 | 12/17/2014 |
| Cadmium fluoride | 7790-79-6 | 1000 | 12/17/2014 |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 1000 | 12/17/2014 |
| 2-ethylhexyl | 15571-58-1 | 1000 | 12/17/2014 |

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| 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate (DOTE) | | | |
| reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate 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) | | 1000 | 12/17/2014 |
| 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 | | 6/15/2015 |
| 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] | | | 6/15/2015 |
| Nitrobenzene | 98-95-3 | | 12/17/2015 |
| 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 3864-99-1 | | 12/17/2015 |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 36437-37-3 | | 12/17/2015 |
| 1,3-propanesultone | 1120-71-4 | | 12/17/2015 |
| Perfluorononan-1-oic-acid and its sodium and ammonium salts | 375-95-1, 21049-39-8, 4149-60-4 | | 12/17/2015 |
| Benzo(def) chrysene, Benzo(a) pyrene | 50-32-8 | | 06/20/2016 |
| 4,4'-isopropylidenediphenol | 80-05-7 | | 1/12/2017 |
| 4-heptylphenol, branched and linear | | | 1/12/2017 |
| Nonadecafluorodecanoic acid and its sodium and ammonium Ammonium nonadecafluorodecanoate Nonadecafluorodecanoic acid | 3830-45-3 3108-42-7 335-76-2 | | 1/12/2017 |



PC SPECIALTIES, Inc.

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| p-(1,1-dimethylpropyl)phenol | 80-46-6 | | 1/12/2017 |
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Signature David Miller Date: 05/26/2017

David Miller – EHS Consultant on behalf of PC Specialties Inc.