

## CERTIFICATE OF CONFORMANCE

July 31, 2017

Adesto Technologies has reviewed the Substances of Very High Concern (SVHC) Candidate List that is part of the EU Regulation 1907/2006 concerning the Restriction of Chemicals (REACH), and to the best of our knowledge, determined that none of the listed substances are present in produced articles in amount over 0.1% by weight.

Adesto Technologies has made commercially reasonable efforts to provide accurate and representative information concerning the SVHCs as listed in the REACH Candidate List. Adesto Technologies relies on information from its suppliers and may not have conducted destructive testing or chemical analysis on incoming materials.

With regard to the requirements of Article 67: A substance on its own, in a preparation or in an article, for which Article XVII contains a restriction shall not be manufactured, placed on the market or used unless it complied with the conditions of the at restrictions. To the best of our knowledge, Adesto Technologies produced articles do not contain any substances subject to any Annex XVII restrictions.

In accordance with Article 33(1) of the REACH Regulation, a listing of the SVHCs that are covered by this certificate can be found on the following pages.

Certified by:



Ram Swamy  
Sr. Director of QA and Reliability  
Adesto Technologies

Substance Name	EC Number	CAS Number
1,3-propanesultone	214-317-9	1120-71-4
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3
Nitrobenzene	202-716-0	98-95-3
Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1 21049-39-8 4149-60-4
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)	271-094-0 272-013-1	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]		
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1
Cadmium fluoride	232-222-0	7790-79-6
Cadmium sulphate	233-331-6	10124-36-4 31119-53-6
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)		
1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	271-093-5	68515-50-4
Cadmium chloride	233-296-7	10108-64-2
Sodium perborate, perboric acid, sodium salt	239-172-9 234-390-0	
Sodium peroxometaborate	231-556-4	4/4/7632
Cadmium sulphide	215-147-8	1306-23-6
Dihexyl phthalate	201-559-5	84-75-3
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0
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)	217-710-3	1937-37-7
Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7
Lead di(acetate)	206-104-4	301-04-2

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Substance Name	EC Number	CAS Number
Trixylyl phosphate	246-677-8	25155-23-1
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]		
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1
Cadmium	231-152-8	7440-43-9
Cadmium oxide	215-146-2	1306-19-0
Dipentyl phthalate (DPP)	205-017-9	131-18-0
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0
1,2-Diethoxyethane	211-076-1	629-14-1
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0
4,4'-oxydianiline and its salts	202-977-0	101-80-4
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]		
4-Aminoazobenzene	200-453-6	60-09-3
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7
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]		
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9
Acetic acid, lead salt, basic	257-175-3	51404-69-4
Biphenyl-4-ylamine	202-177-1	92-67-1
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5
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]	201-604-9 236-086-3 238-009-9	85-42-7 13149-00-3 14166-21-3
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1
Diethyl sulphate	200-589-6	64-67-5

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Substance Name	EC Number	CAS Number
Diisopentylphthalate	210-088-4	605-50-5
Dimethyl sulphate	201-058-1	77-78-1
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7
Dioxobis(stearato)trilead	235-702-8	12578-12-0
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8
Furan	203-727-3	110-00-9
Henicosafuoroundecanoic acid	218-165-4	2058-94-8
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7
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- 260-566-1	25550-51-0 19438-60-9 48122-14-1 57110-29-9
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5
Lead cyanamidate	244-073-9	20837-86-9
Lead dinitrate	233-245-9	10099-74-8
Lead monoxide (lead oxide)	215-267-0	1317-36-8
Lead oxide sulfate	234-853-7	12036-76-9
Lead titanium trioxide	235-038-9	12060-00-3
Lead titanium zirconium oxide	235-727-4	12626-81-2
Methoxyacetic acid	210-894-6	625-45-6
Methyloxirane (Propylene oxide)	200-879-2	75-56-9
N,N-dimethylformamide	200-679-5	68-12-2
N-methylacetamide	201-182-6	79-16-3
N-pentyl-isopentylphthalate		776297-69-9
o-aminoazotoluene	202-591-2	97-56-3
o-Toluidine	202-429-0	95-53-4
Orange lead (lead tetroxide)	215-235-6	1314-41-6
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8
Pentalead tetraoxide sulphate	235-067-7	12065-90-6
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), 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]	272-271-5	68784-75-8
Silicic acid, lead salt	234-363-3	11120-22-2

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Substance Name	EC Number	CAS Number
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7
Tetraethyllead	201-075-4	78-00-2
Tetralead trioxide sulphate	235-380-9	12202-17-4
Tricosafuorododecanoic acid	206-203-2	307-55-1
Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6
Trilead dioxide phosphonate	235-252-2	12141-20-7
1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)	203-977-3	112-49-2
1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	423-400-0	59653-74-6
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)]	209-218-2	561-41-1
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8
[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)]	208-953-6	548-62-9
[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)]	219-943-6	2580-56-5
Diboron trioxide	215-125-8	1303-86-2
Formamide	200-842-0	75-12-7
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1
$\alpha,\alpha$ -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)]	229-851-8	6786-83-0
1,2-Dichloroethane	203-458-1	107-06-2
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4
2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9

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Substance Name	EC Number	CAS Number
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 fulfil the three following conditions: a) oxides of aluminium 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 alkali 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		
Arsenic acid	231-901-9	7778-39-4
Bis(2-methoxyethyl) ether	203-924-4	111-96-6
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8
Calcium arsenate	231-904-5	7778-44-1
Dichromium tris(chromate)	246-356-2	24613-89-6
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4
Lead diazide, Lead azide	236-542-1	13424-46-9
Lead dipicrate	229-335-2	6477-64-1
Lead styphnate	239-290-0	15245-44-0
N,N-dimethylacetamide	204-826-4	127-19-5
Pentazinc chromate octahydroxide	256-418-0	49663-84-5
Phenolphthalein	201-004-7	77-09-8
Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9
Trilead diarsenate	222-979-5	3687-31-8
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 fulfil the three following conditions: a) oxides of aluminium, 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 alkali 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		
Cobalt dichloride	231-589-4	7646-79-9
1,2,3-trichloropropane	202-486-1	96-18-4
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6

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Substance Name	EC Number	CAS Number
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4
1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4
2-Ethoxyethyl acetate	203-839-2	111-15-9
Hydrazine	206-114-9	302-01-2 7803-57-8
Strontium chromate	232-142-6	6/2/7789
2-Ethoxyethanol	203-804-1	110-80-5
2-Methoxyethanol	203-713-7	109-86-4
Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	231-801-5 236-881-5	7738-94-5 13530-68-2
Chromium trioxide	215-607-8	1333-82-0
Cobalt(II) carbonate	208-169-4	513-79-1
Cobalt(II) diacetate	200-755-8	71-48-7
Cobalt(II) dinitrate	233-402-1	10141-05-6
Cobalt(II) sulphate	233-334-2	10124-43-3
Ammonium dichromate	232-143-1	9/5/7789
Boric acid	233-139-2 234-343-4	10043-35-3 11113-50-1
Disodium tetraborate, anhydrous	215-540-4	1303-96-4 1330-43-4 12179-04-3
Potassium chromate	232-140-5	7789-00-6
Potassium dichromate	231-906-6	7778-50-9
Sodium chromate	231-889-5	11/3/7775
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1
Trichloroethylene	201-167-4	79-01-6
Acrylamide	201-173-7	79-06-1
2,4-Dinitrotoluene	204-450-0	121-14-2
Anthracene oil	292-602-7	90640-80-5
Anthracene oil, anthracene paste	292-603-2	90640-81-6
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4

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Substance Name	EC Number	CAS Number
Anthracene oil, anthracene-low	292-604-8	90640-82-7
Diisobutyl phthalate (DIBP)	201-553-2	84-69-5
Lead chromate	231-846-0	7758-97-6
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2
Pitch, coal tar, high temp.	266-028-2	65996-93-2
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8
Anthracene	204-371-1	120-12-7
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7
Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9
Diarsenic pentaoxide	215-116-9	1303-28-2
Diarsenic trioxide	215-481-4	1327-53-3
Dibutyl phthalate (DBP)	201-557-4	84-74-2
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 221-695-9	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8
Lead hydrogen arsenate	232-064-2	7784-40-9
Sodium dichromate	234-190-3	7789-12-0 10588-01-9
Triethyl arsenate	427-700-2	15606-95-8
Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8
4,4'-isopropylidenediphenol (Bisphenol A; BPA)	201-245-8	80-05-7
4-Heptylphenol, branched and linear	---	---
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3 ---- 221-470-5	335-76-2 3830-45-3 3108-42-7
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6
Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	---	---

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