



ATLAS WIRE, LLC  
1601 GLENLAKE AVENUE  
ITASCA, IL 60143  
(847) 678-1210  
(847) 678-1281 FAX  
[www.atlaswirecorp.com](http://www.atlaswirecorp.com)



Atlas Wire, LLC  
Registered to ISO9001 and TS16949  
Itasca, IL 60176  
Reference No. 10000854  
Tucson, AZ 85714  
Reference No. 10003647

February 19, 2019

SUBJECT: European Chemicals Agency (ECHA) candidate list of Substances of Very High Concern (SVHC) as updated 01/15/2019

In regards to the EU's REACH directive and the ECHA candidate list of Substances of Very High Concern (SVHC's) amended on January 15, 2019 (list of original and amended additions attached).

Atlas Wire Corporation has reviewed chemical breakdown reports and certifications from our suppliers to confirm that none of the SVHC's are intentionally added to our raw materials. Atlas Wire Corporation confirms that we do not intentionally add any of the SVHC's to our products. Additionally, to the best of our knowledge, our products do not contain any of the substances of very high concern above the 0.1% threshold by weight.

If you have any questions, or require further information, please contact me at your convenience.

Sincerely,

Bruce Leska  
President  
Atlas Wire, LLC  
[bleska@atlaswirecorp.com](mailto:bleska@atlaswirecorp.com)

<b>SVHC Original List - 28 OCTOBER 2008</b>	<b>CAS Number</b>	<b>EC Number</b>
Anthracene	120-12-7	204-371-3
4,4'- Diaminodiphenylmethane (MDA) priority for Annex XIV / List of Substance Subject to Authorization Additional months to the Last application: 24 ; Sunset date: 42	101-77-9	202-974-6
Dibutyl phthalate (DBP) priority for Annex XIV / List of Substance Subject to Authorization Additional months to the Last application: 30 ; Sunset date: 48	84-74-2	201-557-6
Cyclododecane	294-62-2	206-33-9
Cobalt dichloride	7646-79-9	231-589-4
Diarsenic pentaoxide	1303-28-2	215-116-9
Diarsenic trioxide	1327-53-3	215-481-4
Sodium dichromate, dihydrate	7789-12-0	234-190-3
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) priority of Annex XIV / List of Substance Subject to Authorization Additional months to the Last application: 24 ; Sunset date: 42	81-15-2	201-329-6
Bis (2-ethyl(hexyl)phthalate) (DEHP) priority of Annex XIV / List of Substance Subject to Authorization Additional months to the Last application: 30 ; Sunset date: 48	117-81-7	204-211-2
Hexabromocyclododecane (HBCDD) priority of Annex XIV / List of Substance Subject to Authorization Additional months to the Last application: 27 ; Sunset date: 45	25637-99-4, 3194-55-6, 134237-50-6, 134237- 51-7, 134237-52-8	247-148-6
Alkanes, C10-13, chloro (SCCPs - Short Chain Chlorinated Paraffins) priority of Annex XIV / List of Substance Subject to Authorization Additional months to the Last application: 27 ; Sunset date: 45	85535-84-8	287-476-7
Bis(tributyltin)oxide	56-35-9	200-268-2
Lead hydrogen arsenate	7784-40-9	232-064-4
Triethyl arsenate	15606-95-8	427-700-4
Benzyl butyl phthalate (BBP) priority of Annex XIV / List of Substance Subject to Authorization Additional months to the Last application: 30 ; Sunset date: 48	85-68-7	201-622-9
<b>SVHC Additions - 13 JANUARY 2010</b>	<b>CAS Number</b>	<b>EC Number</b>
Anthracene oil	90640-80-5	292-602-7
Anthracene oil, anthracene paste, distn. lights (Light fractions from distillation)	91995-17-4	295-278-5
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9
Anthracene oil, anthracene-low	90640-82-7	292-604-8
Anthracene oil, anthracene paste	90640-81-6	292-603-2

Coal tar pitch, high temperature	65996-93-2	266-028-2
Acrylamide	79-06-1	201-173-7
Aluminosilicate, Refractory Ceramic Fibres	none	650-017-00-8
Zirconia Aluminosilicate, Refractory Ceramic Fibres	none	650-017-00-8
2,4-Dinitrotoluene	121-14-2	204-450-0
Diisobutyl phthalate	84-69-5	201-553-2
Lead chromate	7758-97-6	231-846-0
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	215-693-7
Lead sulphochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7
Tris(2-chloroethyl)phosphate	115-96-8	204-118-5
<b>SVHC Additions - 8 MARCH 2010</b>	<b>CAS Number</b>	<b>EC Number</b>
Trichloroethylene	79-01-6	201-167-4
Boric acid	10043-35-3 / 11113-50-1	233-139-2 / 234-343-4
Disodium tetraborate, anhydrous	1330-43-4 / 12179-04-3 / 1303-96-4	215-540-4
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3
Sodium chromate	*7775-11-3	231-889-5
Potassium chromate	7789-00-6	232-140-5
Ammonium dichromate	*7789-09-5	232-143-1
Potassium dichromate	7778-50-9	231-906-6
<b>SVHC Additions - DECEMBER 2010</b>	<b>CAS Number</b>	<b>EC Number</b>
2-Ethoxyethanol	110-80-5	203-804-1
2-Methoxyethanol	109-86-4	203-713-7
Cobalt di(acetate)	71-48-7	200-755-8
Cobalt (II) carbonate	513-79-1	208-169-4
Cobalt dinitrate	10141-05-6	233-402-1
Cobalt (II) sulphate	10124-43-3	233-334-2
Chromium trioxide	215-607-8	1333-82-0
Acids generated from chromium trioxide and their oligomers: Chromic acid 1) Dichromic acid 2)	1) 231-801-5 2) 236-881-5	1) 7738-94-5 2) 13530-68-2
<b>SVHC Additions - JUNE 2011</b>	<b>CAS Number</b>	<b>EC Number</b>
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1
1,2,3-trichloropropane	96-18-4	202-486-1
N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone	872-50-4	212-828-1
Hydrazine	7803-57-8 , 302-01-2	206-114-9
Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6
2-Ethoxyethyl acetate	111-15-9	203-839-2

Cobalt dichloride	7646-79-9	231-589-4
Strontium chromate	7789-06-2	232-142-6
<b>SVHC Additions - December 2011</b>	<b>CAS Number</b>	<b>EC Number</b>
Lead dipicrate	6477-64-1	229-335-2
Lead styphnate	15245-44-0	239-290-0
Lead diazide	13424-46-9	236-542-1
Phenolphthalein	77-09-8	201-004-7
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9
N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4
trilead diarsenate	3687-31-8	222-979-5
calcium arsenate	7778-44-1	231-904-5
arsenic acid	7778-39-4	231-901-9
bis(2-methoxyethyl) ether	111-96-6	203-924-4
1,2-Dichloroethane	107-06-2	203-458-1
4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2
2-Methoxyaniline o-Anisidine	90-04-0	201-963-1
Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1
Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)		
Aluminosilicate Refractory Ceramic Fibres (RCF)		
Pentazinc chromate octahydroxide	49663-84-5	256-418-0
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8
Dichromium tris(chromate)	24613-89-6	246-356-2
<b>SVHC Additions - June 2012</b>	<b>CAS Number</b>	<b>EC Number</b>
[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	208-953-6
Formamide	75-12-7	200-842-0
Diboron trioxide	1303-86-2	215-125-8
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5
Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9
α,α-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	229-851-8

[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [ <i>with</i> ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	219-943-6
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [ <i>with</i> ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	209-218-2
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2
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	423-400-0
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3
<b>SVHC Additions - December 2012</b>	<b>CAS Number</b>	<b>EC Number</b>
N-pentyl-isopentylphthalate	776297-69-9	- none given
Orange lead (lead tetroxide)	1314-41-6	215-235-6
4-Aminoazobenzene	60-09-3	200-453-6
4,4'-methylenedi-o-toluidine	838-88-0	212-658-8
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7
Dimethyl sulphate	77-78-1	201-058-1
Heptacosafuorotetradecanoic acid	376-06-7	206-803-4
Lead titanium zirconium oxide	12626-81-2	235-727-4
Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [ <i>covering well-defined substances and UVCB substances, polymers and homologues</i> ]	- none given	- none given
6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7
1,2-Diethoxyethane	629-14-1	211-076-1
1-bromopropane (n-propyl bromide)	106-94-5	203-445-0
Acetic acid, lead salt, basic	51404-69-4	257-175-3
Dioxobis(stearato)trilead	12578-12-0	235-702-8
Lead bis(tetrafluoroborate)	13814-96-5	237-486-0
Lead dinitrate	10099-74-8	233-245-9
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9
Pentalead tetraoxide sulphate	12065-90-6	235-067-7
Silicic acid, lead salt	11120-22-2	234-363-3
Biphenyl-4-ylamine	92-67-1	202-177-1
o-Toluidine	95-53-4	202-429-0

Silici 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]	68784-75-8	272-271-5
N-methylacetamide	79-16-3	201-182-6
Pyrochlore, antimony lead yellow	8012-00-8	232-382-1
Lead monoxide (lead oxide)	1317-36-8	215-267-0
Tetralead trioxide sulphate	12202-17-4	235-380-9
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]	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9
Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2
[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8
N,N-dimethylformamide	68-12-2	200-679-5
Tetraethyllead	78-00-2	201-075-4
Methyloxirane (Propylene oxide)	75-56-9	200-879-2
Trilead dioxide phosphonate	12141-20-7	235-252-2
o-aminoazotoluene	97-56-3	202-591-2
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]	- none given	- none given
Tricosafuorododecanoic acid	307-55-1	206-203-2
Fatty acids, C16-18, lead salts	91031-62-8	292-966-7
Lead oxide sulfate	12036-76-9	234-853-7
Methoxyacetic acid	625-45-6	210-894-6
4,4'-oxydianiline and its salts	101-80-4	202-977-0
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1
Furan	110-00-9	203-727-3
Pentacosafuorotridecanoic acid	72629-94-8	276-745-2
Henicosafuoroundecanoic acid	2058-94-8	218-165-4
Diisopentylphthalate	605-50-5	210-088-4
Lead cyanamidate	20837-86-9	244-073-9
Dibutyltin dichloride (DBTC)	683-18-1	211-670-0
Diethyl sulphate	64-67-5	200-589-6

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	247-094-1, 243-072-0, 256-356-4, 260-566-1
Lead titanium trioxide	12060-00-3	235-038-9
<b>SVHC Additions - June 2013</b>		
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4
Pentadecafluorooctanoic acid (PFOA)	335-67-1	223-320-4
Dipentyl phthalate (DPP)	131-18-0	205-017-9
Cadmium	7440-43-9	231-152-8
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]	- none given	- none given
Cadmium oxide	1306-19-0	215-146-2
<b>SVHC Additions - December 2013</b>		
Cadmium Sulphide	1306-23-6	215-147-8
Dihexyl Phthalate	84-75-3	201-559-5
Disodium 3,3-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(94-aminonaphthalene-1-sulphonate) C.I. Direct Red 28	573-58-0	209-358-4
Disodium 4-amino-3-[[4'-[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-y]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate C.I.Direct BLACK 38	1937-39-7	217-710-3
Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9
Lead Di(acetate)	301-04-2	206-104-4
Trixylyl phosphate	25155-23-1	246-677-8
<b>SVHC Additions - June 2014</b>		
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5
Sodium perborate; perboric acid, sodium salt	-	239-172-9; 234-390-0
Sodium peroxometaborate	7632-04-4	231-556-4
Cadmium chloride	10108-64-2	233-296-7
<b>SVHC Additions - December 2014</b>		
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6
Cadmium fluoride	7790-79-6	232-222-0

Cadmium sulphate	10124-36-4,31119-53-6	233-331-6
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4
<b>SVHC Additions - June 2015</b>	<b>CAS Number</b>	<b>EC Number</b>
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	271-094-0, 272-013-1
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]		
<b>SVHC Additions - December 2015</b>	<b>CAS Number</b>	<b>EC Number</b>
1,3-propanesultone	1120-71-4	214-317-9
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1
Nitrobenzene	98-95-3	202-716-0
Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4	206-801-3
<b>SVHC Additions - June 2016</b>	<b>CAS Number</b>	<b>EC Number</b>
Benzo[def]chrysene	50-32-8	200-028-5
<b>SVHC Additions - January 2017</b>	<b>CAS Number</b>	<b>EC Number</b>
p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Decanoic acid, nonadecafluoro-, sodium salt EC no.: - CAS no.: 3830-45-3 Ammonium nonadecafluorodecanoate EC no.: 221-470-5 CAS no.: 3108-42-7 Nonadecafluorodecanoic acid EC no.: 206-400-3 CAS no.: 335-76-2		
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		
4,4'-isopropylidenediphenol Bisphenol A; BPA	80-05-7	201-245-8
<b>SVHC Additions - July 2017</b>	<b>CAS Number</b>	<b>EC Number</b>
Perfluorohexane-1-sulphonic acid and its salts	355-46-4	206-587-1
<b>SVHC Additions - January 2018</b>	<b>CAS Number</b>	<b>EC Number</b>
Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6
Cadmium carbonate	513-78-0	208-168-9
Cadmium hydroxide	21041-95-2	244-168-5



Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6
Chrysene	218-01-9, 1719-03-5	205-923-4
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)		
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)		
<b>SVHC Additions – June 2018</b>	<b>CAS Number</b>	<b>EC Number</b>
Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7
Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9
Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8
Lead	7439-92-1	231-100-4
Disodium octaborate	12008-41-2	234-541-0
Benzo[ghi]perylene	191-24-2	205-883-8
Terphenyl hydrogenated	61788-32-7	262-967-7
Ethylenediamine (EDA)	107-15-3	203-468-6
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0
Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9
<b>SVHC Additions – January 2019</b>	<b>CAS Number</b>	<b>EC Number</b>
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1
Benzo[k] fluoranthene	207-08-9	205-916-6
Fluoranthene	206-44-0	205-912-4
Phenanthrene	85-01-8	201-581-5
Pyrene	129-00-0	204-927-3
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9