



July 17, 2012

Riedon REACH Statement

The European Chemical Agency (ECHA) has published the Substance of Very High Concern (SVHC) Candidate List. Once a substance is added to the Candidate List, REACH imposes immediate obligations on manufacturers and importers to declare the substances if present. Article 33(1) of the REACH Regulation states that manufacturers and importers of articles (products) are required to notify their customers of the presence of any SVHC in their products exceeding 0.1% by weight and provide instructions on safe use of the product.

Below is a current list, as of June 18, 2012. **None of the SVHCs listed are present in quantities of greater than 0.1% in standard resistor products, as described on the Riedon, Inc. website, www.riedon.com.**

Substance Name	EC Number	CAS Number	Date Added
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	18.06.2012
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18.06.2012
Diboron trioxide	215-125-8	1303-86-2	18.06.2012
Formamide	200-842-0	75-12-7	18.06.2012
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18.06.2012
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	219-514-3	2451-62-9	18.06.2012
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	423-400-0	59653-74-6	18.06.2012
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18.06.2012
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	18.06.2012
[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	18.06.2012
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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)]	208-953-6	548-62-9	18.06.2012
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	18.06.2012
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)]	229-851-8	6786-83-0	18.06.2012
Lead styphnate	239-290-0	15245-44-0	19.12.2011
Lead diazide, Lead azide	236-542-1	13424-46-9	19.12.2011
Lead dipicrate	229-335-2	6477-64-1	19.12.2011
Phenolphthalein	201-004-7	77-09-8	19.12.2011
2,2'-Dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	19.12.2011
N,N-dimethylacetamide	204-826-4	127-19-5	19.12.2011
Trilead diarsenate	222-979-5	3687-31-8	19.12.2011
Calcium arsenate	231-904-5	7778-44-1	19.12.2011
Arsenic acid	231-901-9	7778-39-4	19.12.2011
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19.12.2011
1,2-Dichloroethane	203-458-1	107-06-2	19.12.2011
4-(1,1,3,3-Tetramethylbutyl)phenol; 4-tert-octyl phenol	205-426-2	140-66-9	19.12.2011
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	19.12.2011
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19.12.2011
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	500-036-1	25214-70-4	19.12.2011
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	-	-	19.12.2011

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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 (µm). c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight			
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 (µm) c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	19.12.2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19.12.2011
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	19.12.2011
Dichromium tris(chromate)	246-356-2	24613-89-6	19.12.2011

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Cobalt dichloride	231-589-4	7646-79-9	20.06.2011 28.10.2008
1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich	276-158-1	71888-89-6	20.06.2011
1,2,3-Trichloropropane	202-486-1	96-18-4	20.06.2011 ..
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	20.06.2011 ..
Hydrazine	206-114-9	302-01-2 / 7803-57-8	20.06.2011 ..
1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters	271-084-6	68515-42-4	20.06.2011 ..
Strontium chromate	232-142-6	7789-06-2	20.06.2011 ..
2-Ethoxyethyl acetate	203-839-2	111-15-9	20.06.2011 ..
Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	231-801-5 - 236-881-5	7738-94-5 - 13530-68-2	15.12.2010 ..
Chromium trioxide	215-607-8	1333-82-0	15.12.2010 ..
2-Ethoxyethanol	203-804-1	110-80-5	15.12.2010 ..
2-Methoxyethanol	203-713-7	109-86-4	15.12.2010 ..
Cobalt(II) diacetate	200-755-8	71-48-7	15.12.2010 ..
Cobalt(II) carbonate	208-169-4	513-79-1	15.12.2010 ..
Cobalt(II) dinitrate	233-402-1	10141-05-6	15.12.2010 ..
Cobalt(II) sulphate	233-334-2	10124-43-3	15.12.2010 ..

Sodium chromate	231-889-5	7775-11-3	18.06.2010 ..
Potassium chromate	232-140-5	7789-00-6	18.06.2010 ..
Ammonium dichromate	232-143-1	7789-09-5	18.06.2010 ..
Potassium dichromate	231-906-6	7778-50-9	18.06.2010 ..
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18.06.2010 ..
Disodium tetraborate, anhydrous	215-540-4	1303-96-4/ 1330-43-4/ 12179-04-3	18.06.2010 ..
Boric acid	233-139-2 / 234-343-4	10043-35-3 / 11113-50-1	18.06.2010 ..
Trichloroethylene	201-167-4	79-01-6	18.06.2010 ..
Acrylamide	201-173-7	79-06-1	30.03.2010 ..
Zirconia Aluminosilicate Refractory Ceramic Fibres <i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 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 two following conditions:</i> <i>a) Al₂O₃, SiO₂ and ZrO₂ are present within the following concentration ranges:</i> • Al₂O₃: 35 – 36 % w/w, and • SiO₂: 47.5 – 50 % w/w, and • ZrO₂: 15 - 17 % w/w, <i>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm).</i>	-	Extracted from Index no. 650- 017-00-8	13.01.2010 ..
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	13.01.2010 ..
Pitch, coal tar, high temp.	266-028-2	65996-93-2	13.01.2010

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Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	13.01.2010 ..
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	13.01.2010 ..
Lead chromate	231-846-0	7758-97-6	13.01.2010 ..
Diisobutyl phthalate	201-553-2	84-69-5	13.01.2010 ..
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	13.01.2010 ..
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	13.01.2010 ..
Anthracene oil, anthracene paste	292-603-2	90640-81-6	13.01.2010 ..
Anthracene oil, anthracene-low	292-604-8	90640-82-7	13.01.2010 ..
Anthracene oil	292-602-7	90640-80-5	13.01.2010 ..
Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 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 two following conditions: a) Al_2O_3 and SiO_2 are present within the following concentration ranges: Al_2O_3: 43.5 – 47 % w/w, and SiO_2: 49.5 – 53.5 % w/w, or Al_2O_3: 45.5 – 50.5 % w/w, and SiO_2: 48.5 – 54 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm).	-	Extracted from Index no.: 650-017-00-8	13.01.2010 ..
2,4-Dinitrotoluene	204-450-0	121-14-2	13.01.2010 ..
Triethyl arsenate	427-700-2	15606-95-8	28.10.2008 ..
Sodium dichromate	234-190-3	7789-12-0/ 10588-01-9	28.10.2008 ..
Lead hydrogen arsenate	232-064-2	7784-40-9	28.10.2008 ..
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:	247-148-4 and 221-695-9	25637-99-4 3194-55-6	28.10.2008 ..

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Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane		(134237-50-6) (134237-51-7) (134237-52-8)	
Dibutyl phthalate (DBP)	201-557-4	84-74-2	28.10.2008 ..
Diarsenic trioxide	215-481-4	1327-53-3	28.10.2008 ..
Diarsenic pentaoxide	215-116-9	1303-28-2	28.10.2008 ..
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	28.10.2008 ..
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	28.10.2008 ..
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28.10.2008 ..
Anthracene	204-371-1	120-12-7	28.10.2008 ..
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28.10.2008 ..
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	28.10.2008 ..
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28.10.2008 ..

last updated January 12, 2012