

Date: January 5, 2012

Dear Customer,

On 10/28/08 ECHA, European Chemicals Agency, published the first official SVHC list - Substances of Very High Concern. There continue to be updates since then which have added numerous substances to this list. The attached list is the most recent revision as of the date above.

None of these substances (see attached list) are added to or expected to be present in products made by Taiyo America, Inc.

More information about REACH and the SVHC list may be found on the ECHA website: <http://echa.europa.eu/web/guest/home>.

If you have questions regarding Taiyo America compliance with REACH, you may contact Phillip Harrison at [philh@taiyo-america.com](mailto:philh@taiyo-america.com) or 775-885-9959 X122.

Best Regards,



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## REACH Substances of Very High Concern (SVHC)

Substance name	CAS #	EC #
Anthracene	120-12-7	204-371-1
Dibutyl phthalate (DBP)	84-74-2	201-557-4
4,4'-Diaminodiphenylmethane	101-77-9	202-974-4
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	7789-12-0	234-190-3
	10588-01-9	
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0
Hexabromocyclododecane (HBCDD) and all diastereoisomers identified	25637-99-4, 134237-50-6	247-148-4, 221-695-9
Alpha-hexabromocyclododecane	134237-51-7	
Beta-hexabromocyclododecane	134237-52-8	
Gamma-hexabromocyclododecane		
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5
Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0
Lead hydrogen arsenate	7784-40-9	232-064-2
Triethyl arsenate	15606-95-8	427-700-2
Benzyl butyl phthalate	85-68-7	201-622-7
Anthracene oil,	90640-80-5,	292-602-7
Anthracene oil, anthracene paste, distn. lights*,	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
Aluminosilicate, Refractory Ceramic Fibres	Index Number	650-017-00-8**
Zirconia Aluminosilicate, Refractory Ceramic Fibres	Index Number	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,	235-759-9
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2,	215-693-7
Tris(2-chloroethyl)phosphate	115-96-8,	204-118-5
Acrylamide	79-06-1	201-173-7

## REACH Substances of Very High Concern (SVHC) (continued)

Substance name	CAS #	EC #
Trichloroethylene	79-01-6	201-167-4
Boric Acid	10043-35-3	233-139-2
	11113-50-1	234-343-4
Disodium tetraborate, anhydrous	1303-96-4	215-540-4
	1330-43-4	
	12179-04-3	
Tetraboron disodium heptoxide, 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

\* Light fractions from distillation

\*\* All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labelling and Packaging of chemical substances and mixtures, CLP Regulation (Regulation (EC) No 1272/2008).

1,2,3-Trichlorobenzene	87-61-6	201-757-1
1,2,4-Trichlorobenzene	120-82-1	204-428-0
1,3,5-Trichlorobenzene	108-70-3	203-608-6
Cobalt(II) sulfate	10124-43-3	233-334-2
Cobalt(II) dinitrate	10141-05-6	233-402-1
Cobalt(II) carbonate	513-79-1	208-169-4
Cobalt(II) diacetate	71-48-7	200-755-8
2-Methoxyethanol	109-86-4	203-713-7
2-Ethoxyethanol	110-80-5	203-804-1
Chromium trioxide	1333-82-0	215-607-8
Acids generated from chromium trioxide and their oligomers		Not yet assigned
Chromic acid	7738-94-5	231-801-5
Dichromic acid	13530-68-2	236-881-5
Oligomers of chromic acid and dichromic acid		Not yet assigned
Cobalt dichloride	7646-79-9	231-589-4
2-ethoxyethylacetate	111-15-9	203-839-2
Strontium chromate	7789-06-2	232-142-6
Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68615-42-4	271-084-6
Hydrazine	7803-57-8, 302-01-2	206-114-9
1-methyl-2-pyrrolidone	872-50-4	212-828-1
1,2,3-trichloropropane	96-18-4	202-486-1
Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7 rich	71888-89-6	276-158-1
Lead styphnate	15245-44-0	239-290-0
Lead diazide / Lead azide	13424-46-9	236-542-1
Lead dipicrate	6477-64-1	229-335-2

## REACH Substances of Very High Concern (SVHC) (continued)

Phenolphthalein	77-09-8	201-004-7
2,2'-Dichloro-4,4' methylenedianiline	101-14-4	202-918-9
N,N-dimethylacetamide	127-19-5	204-826-4
Trilead diarsenate	3687-31-8	222-979-5
Calcium arsenate	7778-44-1	231-904-5
Arsenic acid	7778-38-4	231-901-9
Bis(2-methoxyethyl)	111-96-6	203-924-4
1,2-Dichloroethane	107-06-2	203-458-1
4-(1,1,3,3-Tetramethylbutyl) phenol;		
4-tert-octyl phenol	140-66-9	205-462-2
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, as well as some oxides of aluminium and some alkali earth oxide containing fibers.	Index Number	650-017-00-8**
Pentazinc chromate octahydroxide	49663-84-5	256-418-0
Potassium hydroxyoctaoxodizincdichromate	11103-86-9	234-329-8
Dichromium tris(chromate)	24613-89-6	246-356-2

\*\* All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI, part 3.1 of the Regulation on Classification, Labelling and Packaging of chemical substances and mixtures, CLP Regulation (Regulation (EC) No 1272/2008).

Revised as of 1/6/2012