



Supplier's Name:

Supplier's Title:

Company Name:

Street Address:

City, State Zip Code:

**Subject: Verification of Registration, Evaluation, Authorisation and Restriction of Chemicals
(REACH)**

Dear:

Address:

This signed letter will be used as verification that the manufacturer part number(s) listed below or attached in form PUR-09, is/are in compliance with the applicable provisions of "REACH" (Registration, Evaluation, Authorisation and Restriction of Chemicals) under Regulation (EC) No 1907/2006 of the European Parliament. Please review the Candidate List from the subsequence pages of this document.

Please fill in the fields below, sign the document and send it back to the PCA Technology.

Product/Platform Description:

Product/Part Model/Number(s):

Manufacturer Name (if different from responder):

Manufacturer/Supplier Product/Part/Model Number(s):

Company's Stamp

Form PUR-09-01



Supplier's Signature (authorized representative of the company)

Name:

Phone:

Title:

Email:

Substances of Very High Concern (SVHC) Candidate List

http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp#download

NO	Substance name	EC number	CAS number	Proposed SVHC property	Potential uses
1	Cobalt dichloride	231-589-4	7646-79-9		
2	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1			
3	1,2,3-Trichloropropane	202-486-1	96-18-4		
4	1-Methyl-2-pyrrolidone	212-828-1	872-50-4		
5	Hydrazine	206-114-9	302-01-2 / 7803-57-8		
6	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6			
7	Strontium chromate	232-142-6	7789-06-2		
8	2-Ethoxyethyl acetate	203-839-2	111-15-9		
9	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	231-801-5 . 236-881-5	7738-94-5 . 13530-68-2		
10	Chromium trioxide	215-607-8	1333-82-0		
11	2-Ethoxyethanol	203-804-1	110-80-5		
12	2-Methoxyethanol	203-713-7	109-86-4		
13	Cobalt(II) diacetate	200-755-8	71-48-7		
14	Cobalt(II) carbonate	208-169-4	513-79-1		
15	Cobalt(II) dintrate	233-402-1	10141-05-6		
16	Cobalt(II) sulphate	233-334-2	10124-43-3		
17	Sodium chromate	231-889-5	7775-11-3		
18	Potassium chromate	232-140-5	7789-00-6		
19	Ammonium dichromate	232-143-1	7789-09-5		
20	Potassium dichromate	231-906-6	7778-50-9		
21	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1		
22	Disodium tetraborate, anhydrous	215-540-4	1303-96-4 / 1330-43-4 / 12179-04-1		
23	Boric acid	233-139-2 / 234-343-4	10043-35-3 / 11113-50-1		
24	Trichloroethylene	201-167-4	79-01-6		
25	Acrylamide	201-173-7	79-06-1		
26	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI table 3.2 of Regulation (EC) No 1272/2008	-	Extracted from Index no. 650-017-00-8		
27	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8		
28	Pitch, coal tar, high temp.	266-028-2			
29	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2		
30	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8		
31	Lead chromate	231-846-0	7758-97-6		
32	Diisobutyl phthalate	201-553-2	84-69-5		
33	Anthracene oil, anthracene paste, distn. lights	295-278-5			
34	Anthracene oil, anthracene paste, anthracene fraction	295-275-9			
35	Anthracene oil, anthracene paste	292-603-2			
36	Anthracene oil, anthracene-low	292-604-8			
37	Anthracene oil	292-602-7			
38	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	-	Extracted from Index no.: 650-017-00-8		
39	2,4-Dinitrotoluene	204-450-0	121-14-2		
40	Triethyl arsenate	427-700-2	15606-95-8		
41	Sodium dichromate	234-190-3	7789-12-0 / 10588-01-5		
42	Lead hydrogen arsenate	232-064-2	7784-40-9		
43	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)		
44	Dibutyl phthalate (DBP)	201-557-4	84-74-2		
45	Diarsenic trioxide	215-481-4	1327-53-3		
46	Diarsenic pentaoxide	215-116-9	1303-28-2		
47	Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9		
48	Bis(2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7		
49	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7		
50	Anthracene	204-371-1	120-12-7		
51	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5			
52	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2		
53	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9		

Potential SVHC List

1	Dichromium tris(chromate)	246-356-2	24613-89-6	Art. 57 (a), carcinogenic	Mainly used in mixtures for metal surface treatment in the aeronautic/aerospace, steel and aluminium coating sectors.
2	Potassium hydroxyoctaoxidizincatedi-chromate	234-329-8	11103-86-9	Art. 57 (a), carcinogenic	Mainly used in coatings in the aeronautic/ aerospace, steel and aluminium coil coating and vehicle coating sectors.
3	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	Art. 57 (a), carcinogenic	Mainly used in coatings in the vehicle coating and aeronautic / aerospace sectors.
4	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	-	Art. 57 (a), carcinogenic	Refractory ceramic fibres are used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment, equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process equipment).
5	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	-	Art. 57 (a), carcinogenic	Refractory ceramic fibres are used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment, equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process equipment).
6	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	500-036-1	25214-70-4	Art. 57 (a), carcinogenic	Mainly used for manufacture of other substances. Minor uses are as hardener for epoxy resins, e.g. for the production of rolls, pipes and moulds, and as well for adhesives
7	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	Art. 57 (c), toxic for reproduction	No registration for this phthalate compound has been submitted to ECHA. Hence, the substance seems not to be manufactured in or imported to the EU in quantities above 1 t/y. Main uses in the past were as plasticiser in polymeric materials and paints, lacquers and varnishes, including printing inks.
8	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	Art. 57 (a), carcinogenic	Mainly used in the manufacture of dyes for tattooing and coloration of paper, polymers and aluminium foil.
9	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	205-426-2	140-66-9	Art. 57 (f), equivalent level of concern	Mainly used in the manufacture of polymer preparations and of ethoxylates. Further used as a component in adhesives, coatings, inks and rubber
10	1,2-Dichloroethane	203-458-1	107-06-2	Art. 57 (a), carcinogenic	Mainly used for manufacture of other substances. Minor uses as solvent in the chemical and pharmaceutical industry.
11	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	Art. 57 (c), toxic for reproduction	Used primarily as a reaction solvent or process chemical in a wide variety of applications. Used also as solvent for battery electrolytes, and possibly in other products such as sealants, adhesives, fuels and automotive care products.
12	Arsenic acid	231-901-9	7778-39-4	Art. 57 (a), carcinogenic	Mainly used to remove gas bubbles from ceramic glass melt and in the production of laminated printed circuit boards
13	Calcium arsenate	231-904-5	7778-44-1	Art. 57 (a), carcinogenic	Calcium arsenate is present in complex raw materials imported for manufacture of copper, lead and a range of precious metals. It appears mainly to be used as precipitating agent in copper smelting and to manufacture diarsenic trioxide. However, most of the substance seems to be disposed of as waste.
14	Trilead diarsenate	222-979-5	3687-31-8	Art. 57 (a) & (c), carcinogenic & toxic for reproduction	Trilead diarsenate is present in complex raw materials imported for manufacture of copper, lead and a range of precious metals. The trilead diarsenate contained in the raw materials is in the metallurgical refinement process transformed to calcium arsenate and diarsenic trioxide. Whereas most of the calcium arsenate appears to be disposed of as waste the diarsenic trioxide is used further.
15	N,N-dimethylacetamide (DMAC)	204-826-4	127-19-5	Art. 57 (c), toxic for reproduction	Used as solvent, mainly in the manufacture of various substances and in the production of fibres for clothing and other applications. Also used as reagent, and in products such as industrial coatings, polyimide films, paint strippers and ink removers.
16	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	202-918-9	101-14-4	Art. 57 (a), carcinogenic	Mainly used as curing agent in resins and in the production of polymer articles and also for manufacture of other substances. The substance may further be used in construction and arts.
17	Phenolphthalein	201-004-7	77-09-8	Art. 57 (a), carcinogenic	Mainly used as laboratory agent (in pH indicator solutions), for the production of pH-indicator paper and in medicinal products.
18	Lead azide Lead diazide	236-542-1	13424-46-9	Art. 57 (c), toxic for reproduction	Mainly used as initiator or booster in detonators for both civilian and military uses and as initiator in pyrotechnic devices.
19	Lead styphnate	239-290-0	15245-44-0	Art. 57 (c), toxic for reproduction	Mainly used as a primer for small calibre and rifle ammunition. Other common uses are in munition pyrotechnics, powder actuated devices and detonators for civilian use
20	Lead dipicrate	229-335-2	6477-64-1	Art. 57 (c), toxic for reproduction	No registration for this substance has been submitted to ECHA. Lead dipicrate is an explosive like lead diazide and lead styphnate. It may be used in low amounts in detonator mixtures together with the two other mentioned lead compounds.

Substances of Very High Concern (SVHC) Candidate List

NO	Substance name	EC number	CAS number
1	1-Methyl-2-pyrrolidone	212-828-1	872-50-4
2	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	
3	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	
4	1,2,3-Trichloropropane	202-486-1	96-18-4
5	2-Ethoxyethanol	203-804-1	110-80-5
6	2-Ethoxyethyl acetate	203-839-2	111-15-9
7	2-Methoxyethanol	203-713-7	109-86-4
8	2,4-Dinitrotoluene	204-450-0	121-14-2
9	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9
10	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2
11	Acrylamide	201-173-7	79-06-1
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	
13	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	-	Extracted from Index no.: 650-017-00-8
14	Ammonium dichromate	232-143-1	7789-09-5
15	Anthracene	204-371-1	120-12-7
16	Anthracene oil	292-602-7	
17	Anthracene oil, anthracene-low	292-604-8	
18	Anthracene oil, anthracene paste	292-603-2	
19	Anthracene oil, anthracene paste, distn. lights	295-278-5	
20	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	
21	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7
22	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7
23	Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9
24	Boric acid	233-139-2 / 234-343-4	10043-35-3 / 11113-50-1
25	Cobalt dichloride	231-589-4	7646-79-9
26	Cobalt(II) carbonate	208-169-4	513-79-1
27	Cobalt(II) diacetate	200-755-8	71-48-7
28	Cobalt(II) dinitrate	233-402-1	10141-05-6
29	Cobalt(II) sulphate	233-334-2	10124-43-3
30	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	231-801-5 - 236-881-5	7738-94-5 - 13530-68-2
31	Chromium trioxide	215-607-8	1333-82-0
32	Diarsenic pentaoxide	215-116-9	1303-28-2
33	Diarsenic trioxide	215-481-4	1327-53-3
34	Dibutyl phthalate (DBP)	201-557-4	84-74-2
35	Diisobutyl phthalate	201-553-2	84-69-5
36	Disodium tetraborate, anhydrous	215-540-4	1303-96-4 / 1330-43-4 / 12179-04-3
37	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)
38	Hydrazine	206-114-9	302-01-2 / 7803-57-8
39	Lead chromate	231-846-0	7758-97-6
40	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8
41	Lead hydrogen arsenate	232-064-2	7784-40-9
42	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2
43	Pitch, coal tar, high temp.	266-028-2	
44	Potassium chromate	232-140-5	7789-00-6
45	Potassium dichromate	231-906-6	7778-50-9
46	Strontium chromate	232-142-6	7789-06-2
47	Sodium chromate	231-889-5	7775-11-3
48	Sodium dichromate	234-190-3	7789-12-0 / 10588-01-9
49	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1
50	Trichloroethylene	201-167-4	79-01-6
51	Triethyl arsenate	427-700-2	15606-95-8
52	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8
53	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI table 3.2 of Regulation (EC) No 1272/2008	-	Extracted from Index no. 650-017-00-8

base on 20th June 2011