



Cormano, 3 settembre 2018

**Oggetto : Regolamento REACH (CE) n. 1907/2006.**

Il 1° giugno 2007 il regolamento in oggetto è entrato nella sua fase operativa. REACH significa “Registrazione, Valutazione ed Autorizzazione delle Sostanze Chimiche” ed ha lo scopo di monitorare tutte le sostanze prodotte e/o importate nella Comunità Europea.

Tierre Group, in qualità di produttore e distributore di raccordi, con sedi produttive dislocate in diverse aree geografiche, intende con la presente rassicurare i propri clienti in merito alle azioni intraprese per adeguarsi a quanto prescritto dal regolamento in oggetto ed alle direttive ad esso collegate (direttiva 2006/121/CE).

A tal fine Vi informiamo che:

- gli articoli prodotti e distribuiti da Tierre Group non rilasciano intenzionalmente sostanze in essi contenute.
- gli stessi articoli non rilasciano sostanze in essi contenute in condizioni d'uso ragionevolmente prevedibili.
- gli articoli prodotti e distribuiti da Tierre Group non contengono sostanze “Altamente Problematiche” (SVHC – Substances of Very High Concern), come identificate nella candidate list (allegato XIV della direttiva, ultimo aggiornamento del 27 giugno 2018 come da allegato).

Tierre Group ha richiesto informazioni ai propri fornitori in merito al loro approccio al regolamento REACH ed alle azioni dagli stessi adottate al fine di adempiere agli obblighi previsti.

Rimaniamo a Vostra completa disposizione per qualsiasi tipo di ulteriore chiarimento dovesse necessitarVi e, certi della Vostra attenzione, cogliamo l'occasione per porgerVi i nostri più cordiali saluti.

Emanuele Caporali  
Product Manager  
Tierre Group S.p.A.

**REACH - CANDIDATE LIST SVHC updated on 27/06/2018**

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion	Decision number
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	209-008-0	552-30-7	27/06/2018	Respiratory sensitising properties (Article 57(f) - human health)	ED/61/2018 EU/2018/594
Benzo[ghi]perylene	205-883-8	191-24-2	27/06/2018	PBT (Article 57d)#vPvB (Article 57e)	ED/61/2018
Decamethylcyclopentasiloxane	208-764-9	541-02-6	27/06/2018	PBT (Article 57d)#vPvB (Article 57e)	ED/61/2018
	201-545-9	84-61-7	27/06/2018		ED/61/2018 EU/2018/636
Dicyclohexyl phthalate				Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)	
Disodium octaborate	234-541-0	12008-41-2	27/06/2018	Toxic for reproduction (Article 57c)	ED/61/2018
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6	27/06/2018	PBT (Article 57d)#vPvB (Article 57e)	ED/61/2018
Ethylenediamine	203-468-6	107-15-3	27/06/2018	Respiratory sensitising properties (Article 57(f) - human health)	ED/61/2018
Lead	231-100-4	7439-92-1	27/06/2018	Toxic for reproduction (Article 57c)	ED/61/2018
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	27/06/2018	PBT (Article 57d)#vPvB (Article 57e)	ED/61/2018
Terphenyl, hydrogenated	262-967-7	61788-32-7	27/06/2018	vPvB (Article 57e)	ED/61/2018
1,6,7,8,9,14,15,16,17,18,18-Dodecachloropentacyclo[12.2.1.1.6,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)			15/01/2018	vPvB (Article 57e)	ED/01/2018
	200-280-6	56-55-3 1718-53-2	15/01/2018	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)	ED/01/2018
Benz[a]anthracene					
Cadmium carbonate	208-168-9	513-78-0	15/01/2018	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/01/2018
	244-168-5	21041-95-2	15/01/2018	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/01/2018
Cadmium hydroxide					
	233-710-6	10022-68-1 10325-94-7	15/01/2018	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/01/2018
Cadmium nitrate					
	205-923-4	218-01-9 1719-03-5	15/01/2018	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)	ED/01/2018
Chrysene					
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)			15/01/2018		ED/01/2018
				Endocrine disrupting properties (Article 57(f) - environment)	
Perfluorohexane-1-sulphonic acid and its salts			07/07/2017	vPvB (Article 57e)	ED/30/2017
4,4'-isopropylidenediphenol (Bisphenol A; BPA)	201-245-8	80-05-7	12/01/2017	Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - environment)#Endocrine disrupting properties (Article 57(f) - human health)	ED/01/2017 ED/30/2017 ED/01/2018
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)			12/01/2017	Equivalent level of concern having probable serious effects to environment (Article 57 f)	ED/01/2017
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts			12/01/2017	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	ED/01/2017
Decanoic acid, nonadecafluoro-, sodium salt		3830-45-3	12/01/2017	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	ED/01/2017
Ammonium nonadecafluorodecanoate	221-470-5	3108-42-7	12/01/2017	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	ED/01/2017
Nonadecafluorodecanoic acid	206-400-3	335-76-2	12/01/2017	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	ED/01/2017
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	12/01/2017	Equivalent level of concern having probable serious effects to environment (Article 57 f)	ED/01/2017
Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	20/06/2016	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#PBT (Article 57 d)#vPvB (Article 57 e)	ED/21/2016
1,3-propanesultone	214-317-9	1120-71-4	17/12/2015	Carcinogenic (Article 57a)	ED/79/2015
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17/12/2015	vPvB (Article 57 e)	ED/79/2015
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17/12/2015	vPvB (Article 57 e)	ED/79/2015
Nitrobenzene	202-716-0	98-95-3	17/12/2015	Toxic for reproduction (Article 57c)	ED/79/2015
Perfluorononan-1-oic-acid and its sodium and ammonium salts			17/12/2015	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	ED/79/2015
- Ammonium salts of perfluorononan-1-oic-acid		4149-60-4	17/12/2015	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	ED/79/2015
- Perfluorononan-1-oic-acid	206-801-3	375-95-1	17/12/2015	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	ED/79/2015
- Sodium salts of perfluorononan-1-oic-acid		21049-39-8	17/12/2015	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	ED/79/2015
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	15/06/2015	Toxic for reproduction (Article 57 c);	ED/39/2015

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion	Decision number
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]			15/06/2015	vPvB (Article 57 e)	ED/39/2015
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	17/12/2014 28/10/2008	Equivalent level of concern having probable serious effects to the environment (Article 57 f); Toxic for reproduction (article 57c)	ED/108/2014 ED/67/2008
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17/12/2014	PBT (Article 57 d); vPvB (Article 57 e)	ED/108/2014
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17/12/2014	PBT (Article 57 d); vPvB (Article 57 e)	ED/108/2014
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17/12/2014	Toxic for reproduction (Article 57 c);	ED/108/2014
Cadmium fluoride	232-222-0	7790-79-6	17/12/2014	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/108/2014
Cadmium sulphate	233-331-6	10124-36-4 31119-53-6	17/12/2014	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/108/2014
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)			17/12/2014	Toxic for reproduction (Article 57 c);	ED/108/2014
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16/06/2014	Toxic for reproduction (Article 57 c);	ED/49/2014
Sodium perborate; perboric acid, sodium salt	239-172-9 234-390-0		16/06/2014	Toxic for reproduction (Article 57 c);	ED/49/2014
Sodium peroxometaborate	231-556-4	7632-04-4	16/06/2014	Toxic for reproduction (Article 57 c); Carcinogenic (Article 57a); Mutagenic (Article 57b)	ED/49/2014
Cadmium chloride	233-296-7	10108-64-2	16/06/2014	Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/49/2014
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013	Toxic for reproduction (Article 57 c);	ED/121/2013
Dihexyl phthalate	201-559-5	84-75-3	16/12/2013	Toxic for reproduction (Article 57 c);	ED/121/2013
Cadmium sulphide	215-147-8	1306-23-6	16/12/2013	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/121/2013
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	16/12/2013	Carcinogenic (Article 57a);	ED/121/2013
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	16/12/2013	Carcinogenic (Article 57a);	ED/121/2013
Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013	Toxic for reproduction (Article 57 c);	ED/121/2013
Lead di(acetate)	206-104-4	301-04-2	16/12/2013	Toxic for reproduction (Article 57 c);	ED/121/2013
Cadmium	231-152-8	7440-43-9	20/06/2013	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/69/2013
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20/06/2013	Toxic for reproduction (Article 57 c);  PBT (Article 57 d)	ED/69/2013
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]			20/06/2013	Equivalent level of concern having probable serious effects to the environment (Article 57 f)	ED/69/2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20/06/2013	Toxic for reproduction (Article 57 c);  PBT (Article 57 d)	ED/69/2013
Dipentyl phthalate (DPP)	205-017-9	131-18-0	20/06/2013	Toxic for reproduction (Article 57 c);	ED/69/2013
Cadmium oxide	215-146-2	1306-19-0	20/06/2013	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/69/2013
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]	247-094-1 243-072-0 256-356-4 260-566-1	25550-51-0 19438-60-9 48122-14-1 57110-29-9	19/12/2012	Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/169/2012
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion	Decision number
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	19/12/2012	Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/169/2012
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Henicosfluoroundecanoic acid	218-165-4	2058-94-8	19/12/2012	vPvB (Article 57 e)	ED/169/2012
4-Aminoazobenzene	200-453-6	60-09-3	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
Silicic acid, lead salt	234-363-3	11120-22-2	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Lead titanium zirconium oxide	235-727-4	12626-81-2	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Lead monoxide (lead oxide)	215-267-0	1317-36-8	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
o-Toluidine	202-429-0	95-53-4	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Lead dinitrate	233-245-9	10099-74-8	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
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	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
Diethyl sulphate	200-589-6	64-67-5	19/12/2012	Carcinogenic (Article 57a); Mutagenic (Article 57b)	ED/169/2012
Dimethyl sulphate	201-058-1	77-78-1	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
N,N-dimethylformamide	200-679-5	68-12-2	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]			19/12/2012	Equivalent level of concern having probable serious effects to the environment (Article 57 f)	ED/169/2012
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]			19/12/2012	Equivalent level of concern having probable serious effects to the environment (Article 57 f)	ED/169/2012
Furan	203-727-3	110-00-9	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
Lead oxide sulfate	234-853-7	12036-76-9	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Lead titanium trioxide	235-038-9	12060-00-3	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	19/12/2012	PBT (Article 57 d); vPvB (Article 57 e)	ED/169/2012
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
1,2-Diethoxyethane	211-076-1	629-14-1	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
N-methylacetamide	201-182-6	79-16-3	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Tetralead trioxide sulphate	235-380-9	12202-17-4	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Acetic acid, lead salt, basic	257-175-3	51404-69-4	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Tetraethyllead	201-075-4	78-00-2	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
N-pentyl-isopentylphthalate		776297-69-9	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	19/12/2012	vPvB (Article 57 e)	ED/169/2012
Tricosafuorododecanoic acid	206-203-2	307-55-1	19/12/2012	vPvB (Article 57 e)	ED/169/2012
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Dioxobis(stearato)trilead	235-702-8	12578-12-0	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	19/12/2012	vPvB (Article 57 e)	ED/169/2012
Methoxyacetic acid	210-894-6	625-45-6	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19/12/2012	Carcinogenic (Article 57a); Mutagenic (Article 57b)	ED/169/2012
Trilead dioxide phosphonate	235-252-2	12141-20-7	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012

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o-aminoazotoluene	202-591-2	97-56-3	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
Diisopentylphthalate	210-088-4	605-50-5	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Biphenyl-4-ylamine	202-177-1	92-67-1	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Orange lead (lead tetroxide)	215-235-6	1314-41-6	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
4,4'-oxydianiline and its salts	202-977-0	101-80-4	19/12/2012	Carcinogenic (Article 57a); Mutagenic (Article 57b)	ED/169/2012
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	19/12/2012	Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/169/2012
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
Lead cyanamidate	244-073-9	20837-86-9	19/12/2012	Toxic for reproduction (Article 57 c)	ED/169/2012
a,a-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)]	229-851-8	6786-83-0	18/06/2012	Carcinogenic (Article 57a)	ED/87/2012
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	18/06/2012	Carcinogenic (Article 57a)	ED/87/2012
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (ß-TGIC)	423-400-0	59653-74-6	18/06/2012	Mutagenic (Article 57b)	ED/87/2012
Diboron trioxide	215-125-8	1303-86-2	18/06/2012	Toxic for reproduction (Article 57 c)	ED/87/2012
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	18/06/2012	Toxic for reproduction (Article 57 c)	ED/87/2012
4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol [with ≥ 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	Carcinogenic (Article 57a)	ED/87/2012
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18/06/2012	Toxic for reproduction (Article 57 c)	ED/87/2012
Formamide	200-842-0	75-12-7	18/06/2012	Toxic for reproduction (Article 57 c)	ED/87/2012
[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)]	208-953-6	548-62-9	18/06/2012	Carcinogenic (Article 57a)	ED/87/2012
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18/06/2012	Toxic for reproduction (Article 57 c)	ED/87/2012
[4-[[4-anilino-1-naphthyl] dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 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	Carcinogenic (Article 57a)	ED/87/2012
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	18/06/2012	Mutagenic (Article 57b)	ED/87/2012
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18/06/2012	Carcinogenic (Article 57a)	ED/87/2012
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	19/12/2011	Equivalent level of concern having probable serious effects to the environment (article 57 f)	ED/77/2011
N,N-dimethylacetamide	204-826-4	127-19-5	19/12/2011	Toxic for reproduction (article 57 c)	ED/77/2011
Phenolphthalein	201-004-7	77-09-8	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Lead diazide, Lead azide	236-542-1	13424-46-9	19/12/2011	Toxic for reproduction (article 57 c),	ED/77/2011
Lead dipicrate	229-335-2	6477-64-1	19/12/2011	Toxic for reproduction (article 57 c)	ED/77/2011
1,2-dichloroethane	203-458-1	107-06-2	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Calcium arsenate	231-904-5	7778-44-1	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Dichromium tris(chromate)	246-356-2	24613-89-6	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Arsenic acid	231-901-9	7778-39-4	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Lead styphnate	239-290-0	15245-44-0	19/12/2011	Toxic for reproduction (article 57 c)	ED/77/2011
Trilead diarsenate	222-979-5	3687-31-8	19/12/2011	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/77/2011

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion	Decision number
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 (µm). c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight			19/12/2011	Carcinogenic (article 57 a)	ED/77/2011 ED/95/2012
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19/12/2011	Toxic for reproduction (article 57 c)	ED/77/2011
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 (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight			19/12/2011	Carcinogenic (article 57 a)	ED/77/2011 ED/95/2012
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19/12/2011	Toxic for reproduction (article 57 c)	ED/77/2011
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	19/12/2011	Carcinogenic (article 57 a)	ED/77/2011
Cobalt dichloride	231-589-4	7646-79-9	2011/06/20 2008/10/28	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/31/2011 ED/67/2008
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	20/06/2011	Toxic for reproduction (article 57c)	ED/31/2011
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	20/06/2011	Toxic for reproduction (article 57c)	ED/31/2011
Strontium chromate	232-142-6	7789-06-2	20/06/2011	Carcinogenic (article 57a)	ED/31/2011
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	20/06/2011	Toxic for reproduction (article 57c)	ED/31/2011
1,2,3-Trichloropropane	202-486-1	96-18-4	20/06/2011	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/31/2011
2-Ethoxyethyl acetate	203-839-2	111-15-9	20/06/2011	Toxic for reproduction (article 57c)	ED/31/2011
Hydrazine	206-114-9	302-01-2 7803-57-8	20/06/2011	Carcinogenic (article 57a)	ED/31/2011
Cobalt(II) diacetate	200-755-8	71-48-7	15/12/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/95/2010
Cobalt(II) sulphate	233-334-2	10124-43-3	15/12/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/95/2010
2-Ethoxyethanol	203-804-1	110-80-5	15/12/2010	Toxic for reproduction (article 57c)	ED/95/2010
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	15/12/2010	Carcinogenic (article 57a)	ED/95/2010
2-Methoxyethanol	203-713-7	109-86-4	15/12/2010	Toxic for reproduction (article 57c)	ED/95/2010
Chromium trioxide	215-607-8	1333-82-0	15/12/2010	Carcinogenic and mutagenic (articles 57 a and 57 b)	ED/95/2010
Cobalt(II) carbonate	208-169-4	513-79-1	15/12/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/95/2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	15/12/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/95/2010
Trichloroethylene	201-167-4	79-01-6	18/06/2010	Carcinogenic (article 57 a)	ED/30/2010
Potassium dichromate	231-906-6	7778-50-9	18/06/2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	ED/30/2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18/06/2010	Toxic for reproduction (article 57 c)	ED/30/2010
Ammonium dichromate	232-143-1	7789-09-5	18/06/2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	ED/30/2010
Boric acid	233-139-2 234-343-4	10043-35-3 11113-50-1	18/06/2010	Toxic for reproduction (article 57 c)	ED/30/2010
Sodium chromate	231-889-5	7775-11-3	18/06/2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	ED/30/2010

**REACH - CANDIDATE LIST SVHC updated on 27/06/2018**

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion	Decision number
Disodium tetraborate, anhydrous	215-540-4	1303-96-4 1330-43-4 12179-04-3	18/06/2010	Toxic for reproduction (article 57 c)	ED/30/2010
Potassium chromate	232-140-5	7789-00-6	18/06/2010	Carcinogenic and mutagenic (articles 57 a and 57 b).	ED/30/2010
Acrylamide	201-173-7	79-06-1	30/03/2010	Carcinogenic and mutagenic (articles 57 a and 57 b)	ED/68/2009
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	13/01/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c))	ED/68/2009
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	13/01/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/68/2009
Anthracene oil	292-602-7	90640-80-5	13/01/2010	Carcinogenic <sup>1</sup> , PBT and vPvB (articles 57a, 57d and 57e)	ED/68/2009
2,4-Dinitrotoluene	204-450-0	121-14-2	13/01/2010	Carcinogenic (article 57a)	ED/68/2009
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	13/01/2010	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB (articles 57a, 57b, 57d and 57e)	ED/68/2009
Anthracene oil, anthracene-low	292-604-8	90640-82-7	13/01/2010	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB (articles 57a, 57b, 57d and 57e)	ED/68/2009
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	13/01/2010	Toxic for reproduction (article 57c)	ED/68/2009
Diisobutyl phthalate	201-553-2	84-69-5	13/01/2010	Toxic for reproduction (article 57c)	ED/68/2009
Lead chromate	231-846-0	7758-97-6	13/01/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/68/2009
Anthracene oil, anthracene paste	292-603-2	90640-81-6	13/01/2010	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB (articles 57a, 57b, 57d and 57e)	ED/68/2009
Pitch, coal tar, high temp.	266-028-2	65996-93-2	13/01/2010	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e)	ED/68/2009
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	13/01/2010	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB (articles 57a, 57b, 57d and 57e)	ED/68/2009
Lead hydrogen arsenate	232-064-2	7784-40-9	28/10/2008	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	ED/67/2008
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28/10/2008	Toxic for reproduction (article 57c)	ED/67/2008
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	28/10/2008	Toxic for reproduction (article 57c)	ED/67/2008
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	28/10/2008	vPvB (article 57e)	ED/67/2008
Diarsenic trioxide	215-481-4	1327-53-3	28/10/2008	Carcinogenic (article 57a)	ED/67/2008
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	28/10/2008	PBT (article 57d)	ED/67/2008
Triethyl arsenate	427-700-2	15606-95-8	28/10/2008	Carcinogenic (article 57a)	ED/67/2008
Diarsenic pentaoxide	215-116-9	1303-28-2	28/10/2008	Carcinogenic (article 57a)	ED/67/2008
Sodium dichromate	234-190-3	7789-12-0 10588-01-9	28/10/2008	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)	ED/67/2008
Dibutyl phthalate (DBP)	201-557-4	84-74-2	28/10/2008	Toxic for reproduction (article 57c)	ED/67/2008
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28/10/2008	Carcinogenic (article 57a)	ED/67/2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28/10/2008	PBT and vPvB (articles 57 d and 57 e)	ED/67/2008
Anthracene	204-371-1	120-12-7	28/10/2008	PBT (article 57d)	ED/67/2008
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:	247-148-4	25637-99-4	28/10/2008	PBT (article 57d)	ED/67/2008
hexabromocyclododecane	Alpha-	221-695-9			
hexabromocyclododecane	Beta-	3194-55-6			
hexabromocyclododecane	Gamma-	(134237-50-6)			
hexabromocyclododecane		(134237-51-7)			
hexabromocyclododecane		(134237-52-8)			

[1]Does not meet the criteria for identification as a carcinogen if it contains < 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5)

[2]Does not meet the criteria for identification as a carcinogen if it contains < 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5) and < 0.1 % w/w benzene (EINECS No 200-753-7)

[3]Does not meet the criteria for identification as a mutagen if it contains < 0.1 % w/w benzene (EINECS No 200-753-7)