



REACH Certificate of Compliance 173 SVHC

Updated 20 January 2017

For the following equipment:

Product Name:

Power Supplies, adaptors, transformers, all Part #'s including "(R)" or marked "RoHS".

(Manufacturer Name)

- GlobTek, Inc. USA
- GlobTek (Suzhou) Co. Ltd.
- GlobTek Deutschland GmbH

(Manufacturer Address)

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Building 4, City Illumination Industrial Park, 76 East Jinling Road, Weting Town, Suzhou Industrial Park, Suzhou, 215021 China
Hafenweg 26a, 48155 Münster, Germany

GlobTek Inc. fully supports and hereby certifies complete conformance to the requirements of REACH's 173 SVHC (Substances of Very High Concern in accordance with Article 59(10) of the REACH Regulation), the European Community Regulation standard about chemicals and their safe use (EC 1907/2006) which is a new law entered into force on 1 June 2007 which will be phased in until 2018.

GlobTek, Inc. is committed to providing safe products consistent with the improvement and protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances.

GlobTek Inc. is conforming and will continue to conform to the requirements of REACH as new amendments are released. Specifically, the below listed chemical substances are not present in our products for quantities totaling over one ton per producer a year, and are not present above a concentration of 0.1% by weight.

QA Department: Hans Moritz

Signature:

Date: 20 January 2017

Name	EC Number	CAS Number	Date of Inclusion	Reason for Inclusion	Decision Number
4,4'-isopropylidenediphenol	201-245-8	80-05-7	12/01/2017	Toxic for reproduction (Article 57c)	
4-Heptylphenol, branched and linear.			12/01/2017	Equivalent level of concern having probable serious effects to environment (Article 57 f)	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts					
Nonadecafluorodecanoic acid	206-400-3	335-76-2			
Ammonium nonadecafluorodecanoate	221-470-5	3108-42-7			
Decanoic acid, nonadecafluoro-, sodium salt	3830-45-3		12/01/2017	Toxic for reproduction (Article 57c, PBT, (Article 57 d)	
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)	
Benzo[def]chrysene	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-oi-c-acid and its sodium and ammonium salts			17/12/2015	Toxic for reproduction (Article 57c) PBT (Article 57 d)	ED/79/2015
Perfluorononan-1-oi-c-acid	206-801-3	375-95-1			
Sodium salts of perfluorononan-1-oi-c-acid		21049-39-8			
Ammonium salts of perfluorononan-1-oi-c-acid	4149-60-4				
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalat	201-559-5		15/06/2015	Toxic for reproduction (Article 57c)	ED/39/2015
1,2-Benzenedicarboxylic acid, mixed decy and hexyl and octyl diesters	272-013-1	68648-93-1			
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	271-094-0	68515-51-5			
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
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane					
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane					
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 57c)	ED/108/2014
Cadmium fluoride	232-222-0	7790-79-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) 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 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) 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 57c)	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 57c)	ED/49/2014
Cadmium chloride	233-296-7	10108-64-2	16/06/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/49/2014



Sodium perborate, perboric acid, sodium salt

Perboric acid, sodium salt	234-390-0	11138-47-9	6/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
Sodium perborate	239-172-9	15120-21-5			
Sodium peroxometaborate	231-556-4	7632-04-4	16/06/2014	Toxic for reproduction (Article 57c)	ED/49/2014
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
Dihexyl phthalate	201-559-5	84-75-3	16/12/2013	Toxic for reproduction (Article 57c)	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
Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
Lead di(acetate)	206-104-4	301-04-2	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013	Toxic for reproduction (Article 57c)	ED/121/2013
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 environment (Article 57 f)	ED/69/2013
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20/06/2013	PBT (Article 57 d)	ED/69/2013
Cadmium	231-152-8	7440-43-9	20/06/2013	Toxic for reproduction (Article 57c) Carcinogenic (Article 57a) Equivalent level of concern having probable serious effects to human health (Article 57 f)	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
Dipentyl phthalate (DPP)	205-017-9	131-18-0	20/06/2013	Toxic for reproduction (Article 57c)	ED/69/2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20/06/2013	PBT (Article 57 d) Toxic for reproduction (Article 57c)	ED/69/2013
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
1,2-diethoxyethane	211-076-1	629-14-1	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012	Toxic for reproduction (Article 57c)	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 57c)	ED/169/2012
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
4,4'-oxydianiline and its salts					
4,4'-oxydianiline	202-977-0	101-80-4	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	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 environment (Article 57 f)	ED/169/2012
4-aminoazobenzene	200-453-6	60-09-3	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
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 environment (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
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Acetic acid, lead salt, basic	257-175-3	51404-69-4	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Biphenyl-4-ylamine	202-177-1	92-67-1	19/12/2012	Carcinogenic (Article 57a)	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
Cyclohexane-1,2-dicarboxylic anhydride all possible combinations of the cis- and trans-isomers			19/12/2012	Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/169/2012
trans-cyclohexane-1,2-dicarboxylic anhydride	238-009-9	14166-21-3			
cis-cyclohexane-1,2-dicarboxylic anhydride	236-086-3	3149-00-3			
Cyclohexane-1,2-dicarboxylic anhydride	201-604-9	85-42-7			
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	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
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Diethyl sulphate	200-589-6	64-67-5	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/169/2012
Diisopentyl phthalate	210-088-4	605-50-5	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Dimethyl sulphate	201-058-1	77-78-1	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Dioxobis(stearato)trilead	235-702-8	12578-12-0	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Furan	203-727-3	110-00-9	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
Henicosafuoroundecanoic acid	218-165-4	2058-94-8	19/12/2012	vPvB (Article 57 e)	ED/169/2012



Heptacosfluorotetradecanoic acid	206-803-4	376-06-7	19/12/2012	vPvB (Article 57 e)	ED/169/2012
Hexahydromethylphthalic anhydride including cis- and trans- stereo isomeric forms and all possible combinations of the isomers			19/12/2012	Equivalent level of concern having probable serious effects to human health (Article 57 f)	ED/169/2012
Hexahydro-4-methylphthalic anhydride	243-072-0	19438-60-9			
Hexahydromethylphthalic anhydride	247-094-1	25550-51-0			
Hexahydro-1-methylphthalic anhydride	256-356-4	48122-14-1			
Hexahydro-3-methylphthalic anhydride	260-566-1	7110-29-9			
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead cyanamidate	244-073-9	20837-86-9	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead dinitrate	233-245-9	10099-74-8	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead monoxide (lead oxide)	215-267-0	1317-36-8	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead oxide sulfate	234-853-7	12036-76-9	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead titanium trioxide	235-038-9	12060-00-3	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead titanium zirconium oxide	235-727-4	12626-81-2	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Methoxyacetic acid	210-894-6	625-45-6	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/169/2012
N,N-dimethylformamide	200-679-5	68-12-2	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
N-methylacetamide	201-182-6	79-16-3	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
N-pentyl-isopentylphthalate		776297-69-9	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
o-aminoazotoluene	202-591-2	97-56-3	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
o-toluidine	202-429-0	95-53-4	19/12/2012	Carcinogenic (Article 57a)	ED/169/2012
Orange lead (lead tetroxide)	215-235-6	1314-41-6	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Pentacosfluorotridecanoic acid	276-745-2	72629-94-8	19/12/2012	vPvB (Article 57 e)	ED/169/2012
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Pyrochlore, antimony lead yellow This substance is identified in the Color Index by Color Index Constitution Number, C.I. 77588.	232-382-1	8012-00-8	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Silicic acid (H ₂ Si ₂ O ₅), 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 57c)	ED/169/2012
Silicic acid, lead salt	234-363-3	11120-22-2	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Tetraethyllead	201-075-4	78-00-2	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Tetralead trioxide sulphate	235-380-9	12202-17-4	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Tricosfluorododecanoic acid	206-203-2	307-55-1	19/12/2012	vPvB (Article 57 e)	ED/169/2012
Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
Trilead dioxide phosphonate	235-252-2	12141-20-7	19/12/2012	Toxic for reproduction (Article 57c)	ED/169/2012
1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)	203-977-3	112-49-2	18/06/2012	Toxic for reproduction (Article 57c)	ED/87/2012



1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18/06/2012	Toxic for reproduction (Article 57c)	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
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	Mutagenic (Article 57b)	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
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18/06/2012	Carcinogenic (Article 57a)	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
[4-[[4-anilino-1-naphthyl][4-(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
Diboron trioxide	215-125-8	1303-86-2	18/06/2012	Toxic for reproduction (Article 57c)	ED/87/2012
Formamide	200-842-0	75-12-7	18/06/2012	Toxic for reproduction (Article 57c)	ED/87/2012
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18/06/2012	Toxic for reproduction (Article 57c)	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
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)	229-851-8	6786-83-0	18/06/2012	Carcinogenic (Article 57a)	ED/87/2012
1,2-dichloroethane	203-458-1	107-06-2	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
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 environment (Article 57 f)	ED/77/2011
Aluminosilicate Refractory Ceramic Fibers are fibers 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 fibers) 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 ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight			19/12/2011	Carcinogenic (Article 57a)	ED/77/2011 ED/95/2012
Arsenic acid	231-901-9	7778-39-4	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19/12/2011	Toxic for reproduction (Article 57c)	ED/77/2011
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19/12/2011	Toxic for reproduction (Article 57c)	ED/77/2011



Calcium arsenate	231-904-5	7778-44-1	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
Dichromium tris(chromate)	246-356-2	24613-89-6	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
Lead diazide, Lead azide	236-542-1	13424-46-9	19/12/2011	Toxic for reproduction (Article 57c)	ED/77/2011
Lead dipicrate	229-335-2	6477-64-1	19/12/2011	Toxic for reproduction (Article 57c)	ED/77/2011
Lead styphnate	239-290-0	15245-44-0	19/12/2011	Toxic for reproduction (Article 57c)	ED/77/2011
N,N-dimethylacetamide	204-826-4	127-19-5	19/12/2011	Toxic for reproduction (Article 57c)	ED/77/2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
Phenolphthalein	201-004-7	77-09-8	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	19/12/2011	Carcinogenic (Article 57a)	ED/77/2011
Trilead diarsenate	222-979-5	3687-31-8	19/12/2011	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/77/2011
Zirconia Aluminosilicate Refractory Ceramic Fibers are fibers 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 ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight			19/12/2011	Carcinogenic (Article 57a)	ED/77/2011 ED/95/2012
1,2,3-trichloropropane	202-486-1	96-18-4	20/06/2011	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/31/2011
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
1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	20/06/2011	Toxic for reproduction (Article 57c)	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
Strontium chromate	232-142-6	7789-06-2	20/06/2011	Carcinogenic (Article 57a)	ED/31/2011
2-ethoxyethanol	203-804-1	110-80-5	15/12/2010	Toxic for reproduction (Article 57c)	ED/95/2010
2-methoxyethanol	203-713-7	109-86-4	15/12/2010	Toxic for reproduction (Article 57c)	ED/95/2010
Acids generated from chromium trioxide and their oligomers			15/12/2010	Carcinogenic (Article 57a)	ED/95/2010
Dichromic acid	236-881-5	7738-94-5			
Chromic acid	231-801-5	13530-68-2			
Oligomers of chromic acid and dichromic acid\					
Chromium trioxide	215-607-8	1333-82-0	15/12/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/95/2010
Cobalt(II) carbonate	208-169-4	513-79-1	15/12/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/95/2010



Cobalt(II) diacetate`	200-755-8	71-48-7	15/12/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/95/2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	15/12/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/95/2010
Cobalt(II) sulphate	233-334-2	10124-43-3	15/12/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/95/2010
Ammonium dichromate	232-143-1	7789-09-5	18/06/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)	ED/30/2010
Boric acid	233-139-2 and 34-343-4		18/06/2010	Toxic for reproduction (Article 57c)	ED/30/2010
Boric acid, crude natural	234-343-4	11113-50-1			
Boric acid	233-139-2	10043-35-3			
Disodium tetraborate, anhydrous	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	18/06/2010	Toxic for reproduction (Article 57c)	ED/30/2010
Potassium chromate	232-140-5	7789-00-6	18/06/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/30/2010
Potassium dichromate	231-906-6	7778-50-9	18/06/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)	ED/30/2010
Sodium chromate	231-889-5	7775-11-3	18/06/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)	ED/30/2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18/06/2010	Toxic for reproduction (Article 57c)	ED/30/2010
Trichloroethylene	201-167-4	79-01-6	18/06/2010	Carcinogenic (Article 57a)	ED/30/2010
Acrylamide	201-173-7	79-06-1	30/03/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/68/2009
2,4-dinitrotoluene	204-450-0 Details	121-14-2	13/01/2010	Carcinogenic (Article 57a)	ED/68/2009
Anthracene oil A complex combination of polycyclic aromatic hydrocarbons obtained from coal tar having an approximate distillation range of 300°C to 400°C (572°F to 752°F). Composed primarily of phenanthrene, anthracene and carbazole.	292-602-7	90640-80-5	13/01/2010	Carcinogenic (Article 57a) PBT (Article 57 d) vPvB (Article 57 e)	ED/68/2009
Anthracene oil, anthracene paste The anthracene-rich solid obtained by the crystallization and centrifuging of anthracene oil. It is composed primarily of anthracene, carbazole and phenanthrene.	292-603-2	90640-81-6	13/01/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57 d) vPvB (Article 57 e)	ED/68/2009
Anthracene oil, anthracene paste, anthracene fraction. A complex combination of hydrocarbons from the distillation of anthracene obtained by the crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of 330°C to 350°C (626°F to 662°F). It contains chiefly anthracene, carbazole and phenanthrene.	295-275-9	91995-15-2	13/01/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57 d) vPvB (Article 57 e)	ED/68/2009
Anthracene oil, anthracene paste, distn. lights A complex combination of hydrocarbons from the distillation of anthracene obtained by crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of approximately 290°C to 340°C (554°F to 644°F). It contains chiefly trinuclear aromatics and their dihydro derivatives.	295-278-5	91995-17-4	13/01/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57 d) vPvB (Article 57 e)	ED/68/2009



Anthracene oil, anthracene-low The oil remaining after the removal, by a crystallization process, of an anthracene-rich solid (anthracene paste) from anthracene oil. It is composed primarily of two, three and four membered aromatic compounds.	292-604-8	90640-82-7	13/01/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57 d) vPvB (Article 57 e)	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 (Article 57a) Toxic for reproduction (Article 57c)	ED/68/2009
Lead chromate molybdate sulphate red (C.I. Pigment Red 104) This substance is identified in the Color Index by Color Index Constitution Number, C.I. 77605.	235-759-9	12656-85-8	13/01/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/68/2009
Lead sulfochromate yellow (C.I. Pigment Yellow 34) This substance is identified in the Color Index by Color Index Constitution Number, C.I. 77603.	215-693-7	1344-37-2	13/01/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/68/2009
Pitch, coal tar, high-temp. The residue from the distillation of high temperature coal tar. A black solid with an approximate softening point from 30°C to 180°C (86°F to 356°F). Composed primarily of a complex mixture of three or more membered condensed ring aromatic hydrocarbons.	266-028-2	65996-93-2	13/01/2010	Carcinogenic (Article 57a) PBT (Article 57 d) vPvB (Article 57 e)	ED/68/2009
Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	13/01/2010	Toxic for reproduction (Article 57c)	ED/68/2009
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28/10/2008	Carcinogenic (Article 57a)	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 57 e)	ED/67/2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28/10/2008	PBT (Article 57 d) vPvB (Article 57 e)	ED/67/2008
Anthracene	204-371-1	120-12-7	28/10/2008	PBT (Article 57 d)	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	Equivalent level of concern having probable serious effects to environment (Article 57 f) Toxic for reproduction (Article 57c)	ED/108/2014 ED/67/2008
Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	28/10/2008	PBT (Article 57 d)	ED/67/2008
Cobalt dichloride	231-589-4	7646-79-9	28/10/2008	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/31/2011 ED/67/2008
Diarsenic pentaoxide	215-116-9	1303-28-2	28/10/2008	Carcinogenic (Article 57a)	ED/67/2008
Diarsenic trioxide	215-481-4	1327-53-3	28/10/2008	Carcinogenic (Article 57a)	ED/67/2008
Dibutyl phthalate (DBP)	201-557-4	84-74-2	28/10/2008	Toxic for reproduction (Article 57c)	ED/67/2008
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified			28/10/2008	PBT (Article 57 d)	ED/67/2008
1,2,5,6,9,10-hexabromocyclododecane	221-695-9	3194-55-6			
beta-hexabromocyclododecane		134237-51-7			
Hexabromocyclododecane	247-148-4	25637-99-4			
gamma-hexabromocyclododecane		134237-52-8			
alpha-hexabromocyclododecane		134237-50-6			
Lead hydrogen arsenate	232-064-2	7784-40-9	28/10/2008	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/67/2008
Sodium dichromate	234-190-3	10588-01-9, 7789-12-0	28/10/2008	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)	ED/67/2008
Triethyl arsenate	427-700-2	15606-95-8	28/10/2008	Carcinogenic (Article 57a)	ED/67/2008