

REACH Compliance Declaration

Dear Customers:

After careful evaluation of the European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) , Baoshan Iron & Steel Co., Ltd. (hereinafter referred as BAOSTEEL) hereby certifies the steel products manufactured by BAOSTEEL, which have been listed in the ANNEX 1, are fully comply with the related requirements of REACH:

1. Under the structure of the REACH Regulation, BAOSTEEL is a manufacturer of “articles” to our EU customers(according to ECHA’s guidance for articles, the steel coils, plates, sheets, bars, wire rods shall be considered as articles). We do not manufacture “substances” or “preparations” and our articles do not involve the “intentional release of substances”. Accordingly, we foresee no registration or pre-registration requirement for the products we supply to you.
2. With regard to the requirements of Article 33 of REACH:Duty to communicate information on substances in articles. We declare that none of the SVHCs (the Candidate List of Substances of Very High Concern for authorisation currently released by ECHA till the date of Dec. 17, 2015, please refer to annex 2) is present in BAOSTEEL’s steel products (and also package) in quantities totaling in a concentration equal or above 0.1%.
3. With regard to the requirement of Article 67 of REACH: A substance on its own, in a preparation or in an article, for which Annex XVII contains a restriction shall not be manufactured, placed on the market or used unless it complies with the conditions of that restriction. We declare that none of the restricted substances is present in

BAOSTEEL's steel products (and also package) in quantities totaling in a concentration equal or above 0.1%.

As REACH Regulation is updated frequently, for the major changes afterwards, such as the addition of SVHC substances into Annex XIV, the addition of restricted substances in Annex XVII, BAOSTEEL will evaluate the further revise in time and update this declaration to reflect these changes.

Baoshan Iron & Steel Co., Ltd



Annex1: Product lists comply with REACH Regulation

| No. | Product Type | Delivery condition/surface treatment/ base type/coating type |
|------------|---|---|
| 1 | Cold rolled steel sheet | △Oiled or unoled |
| 2 | Hot dipped galvanized /galvannealed steel sheet | △Cr free chemical passivation and/or oiled △Cr free anti-fingerprinting △Self lubricated △Untreated |
| 3 | Hot-dip aluminum-zinc alloy coated steel sheet | △Cr free chemical passivation and/or oiled △Cr free anti-finger printing △Untreated |
| 4 | Electro-galvanized steel sheet | △Cr free chemical passivation and/or oiled △Phosphated and/or oiled △Phosphated(include sealed) and/or oiled △Cr free anti-finger-printing △Lubrication |
| 5 | Tinplate and Tin-Free steel sheet | △ TFS also known as ECCS(Electrolytic Chromium Coated Steel). Both contain very light coatings of trivalent chromium compounds and metallic chromium but no detectable level of hexavalent chromium. |
| 6 | Non grain oriented electrical steel sheet | △ Inorganic coating △ Semi-organic coating thin gauge △ Semi-organic coating heavy gauge △Cr free semi-organic coating thin gauge △Cr free semi-organic coating heavy gauge △Cr free semi-organic coating super heavy gauge △Cr free semi-organic coating(ultra heavy gauge) △Cr free self-bonding coating |
| 7 | Grain oriented electrical steel sheet | △ Inorganic coating |
| 8 | Hot rolled steel sheet | △As rolled △Pickled and/or oiled |

Annex2 : Candidate List of Substances of Very High Concern for authorisation (till the date of 17/12/2015)

| Substance name | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|--|---|--------------------------|--|------------------------|
| 4,4'- Diaminodiphenylmethane (MDA) | 202-974-4 | 28.10.2008 | Carcinogenic (article 57a) | ED/67/2008 |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 201-329-4 | 28.10.2008 | vPvB (article 57e) | ED/67/2008 |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 287-476-5 | 28.10.2008 | PBT and vPvB (articles 57 d and 57 e) | ED/67/2008 |
| Anthracene | 204-371-1 | 28.10.2008 | PBT (article 57d) | ED/67/2008 |
| Benzyl butyl phthalate (BBP) | 201-622-7 | 28.10.2008 | Toxic for reproduction (article 57c) | ED/67/2008 |
| Bis (2-ethylhexyl)phthalate (DEHP) | 204-211-0 | 28.10.2008 | Toxic for reproduction (article 57c) | ED/67/2008 |
| Bis(tributyltin)oxide (TBTO) | 200-268-0 | 28.10.2008 | PBT (article 57d) | ED/67/2008 |
| Cobalt dichloride | 231-589-4 | 28.10.2008 | Carcinogenic (article 57a) | ED/67/2008 |
| Diarsenic pentaoxide | 215-116-9 | 28.10.2008 | Carcinogenic (article 57a) | ED/67/2008 |
| Diarsenic trioxide | 215-481-4 | 28.10.2008 | Carcinogenic (article 57a) | ED/67/2008 |
| Dibutyl phthalate (DBP) | 201-557-4 | 28.10.2008 | Toxic for reproduction (article 57c) | ED/67/2008 |
| Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane | 247-148-4 and 221-695-9 (134237-50-6) (134237-51-7) (134237-52-8) | 28.10.2008 | PBT (article 57d) | ED/67/2008 |
| Lead hydrogen arsenate | 232-064-2 | 28.10.2008 | Carcinogenic and toxic for reproduction (articles 57 a and 57 c) | ED/67/2008 |
| Sodium dichromate | 234-190-3 (7789-12-0 and 10588-01-9) | 28.10.2008 | Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c) | ED/67/2008 |
| Triethyl arsenate | 427-700-2 | 28.10.2008 | Carcinogenic (article 57a) | ED/67/2008 |
| 2,4-Dinitrotoluene | 204-450-0 | 13.01.2010 | Carcinogenic (article 57a) | ED/68/2009 |

| Substance name | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|--|--------------|-------------------|--|-----------------|
| 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 and SiO₂ are present within the following concentration ranges:</i> <ul style="list-style-type: none"> • Al₂O₃: 43.5 – 47 % w/w, and SiO₂: 49.5 – 53.5 % w/w, or • Al₂O₃: 45.5 – 50.5 % w/w, and SiO₂: 48.5 – 54 % w/w, <i>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm).</i> | - | 13.01.2010 | Carcinogenic (article 57a) | ED/68/2009 |
| Anthracene oil | 292-602-7 | 13.01.2010 | Carcinogenic ¹ , PBT and vPvB (articles 57a, 57d and 57e) | ED/68/2009 |
| Anthracene oil, anthracene-low | 292-604-8 | 13.01.2010 | Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e) | ED/68/2009 |
| Anthracene oil, anthracene paste | 292-603-2 | 13.01.2010 | Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e) | ED/68/2009 |
| Anthracene oil, anthracene paste, anthracene fraction | 295-275-9 | 13.01.2010 | Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e) | ED/68/2009 |
| Anthracene oil, anthracene paste, distn. lights | 295-278-5 | 13.01.2010 | Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e) | ED/68/2009 |
| Diisobutyl phthalate | 201-553-2 | 13.01.2010 | Toxic for reproduction (article 57c) | ED/68/2009 |
| Lead chromate | 231-846-0 | 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 | 13.01.2010 | Carcinogenic and toxic for reproduction (articles 57 a and 57 c) | ED/68/2009 |
| Lead sulfochromate yellow (C.I. Pigment Yellow 34) | 215-693-7 | 13.01.2010 | Carcinogenic and toxic for reproduction (articles 57 a and 57 c)) | ED/68/2009 |
| Pitch, coal tar, high temp. | 266-028-2 | 13.01.2010 | Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e) | ED/68/2009 |
| Tris(2-chloroethyl)phosphate | 204-118-5 | 13.01.2010 | Toxic for reproduction (article 57c) | ED/68/2009 |

| Substance name | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|--|--------------------------|-------------------|--|-----------------|
| 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> a) Al ₂ O ₃ , SiO ₂ and ZrO ₂ are present within the following concentration ranges: • Al ₂ O ₃ : 35 – 36 % w/w, and • SiO ₂ : 47.5 – 50 % w/w, and • ZrO ₂ : 15 - 17 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). | - | 13.01.2010 | Carcinogenic (article 57a) | ED/68/2009 |
| Acrylamide | 201-173-7 | 30.03.2010 | Carcinogenic and mutagenic (articles 57 a and 57 b) | ED/68/2009 |
| Trichloroethylene | 201-167-4 | 18.06.2010 | Carcinogenic (article 57 a) | ED/30/2010 |
| Boric acid | 233-139-2 / 234-343-4 | 18.06.2010 | Toxic for reproduction (article 57 c) | ED/30/2010 |
| Disodium tetraborate, anhydrous | 215-540-4 | 18.06.2010 | Toxic for reproduction (article 57 c) | ED/30/2010 |
| Tetraboron disodium heptaoxide, hydrate | 235-541-3 | 18.06.2010 | Toxic for reproduction (article 57 c) | ED/30/2010 |
| Potassium dichromate | 231-906-6 | 18.06.2010 | Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c) | ED/30/2010 |
| Ammonium dichromate | 232-143-1 | 18.06.2010 | Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c) | ED/30/2010 |
| Potassium chromate | 232-140-5 | 18.06.2010 | Carcinogenic and mutagenic (articles 57 a and 57 b). | ED/30/2010 |
| Sodium chromate | 231-889-5 | 18.06.2010 | Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c) | ED/30/2010 |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | 276-158-1 | 20.06.2011 | Plasticizer in plastic, in printing ink for paper, in sealant and adhesive | ED/31/2011 |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 271-084-6 | 20.06.2011 | Plasticizer in plastic, in sealant and adhesive | ED/31/2011 |

| Substance name | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|--|--------------|-------------------|---|-----------------|
| 1,2,3-trichloropropane | 202-486-1 | 20.06.2011 | Intermediate in chlorinated solvent, which is used in paint, degreaser, glues; Crosslinking agent to manufacture polymers which are used as sealant and rubber production | ED/31/2011 |
| 1-methyl-2-pyrrolidone | 212-828-1 | 20.06.2011 | Spinning agent for PVC; Coating for metal and wood; Cleaning agent for electronics | ED/31/2011 |
| 2-ethoxyethyl acetate | 203-839-2 | 20.06.2011 | Solvent in paints, varnishes, Lacquers; Intermediate in chemical industry; Printing for plastic and rubber | ED/31/2011 |
| Hydrazine | 206-114-9 | 20.06.2011 | Synthesis of hydrazine derivatives for using as chemical blowing agent, paints, inks, organic dyes, etc; Monomer in polymerization for coatings and adhesives; Reducing agent for the deposition of metal on plastics and glass | ED/31/2011 |
| Strontium chromate | 232-142-6 | 20.06.2011 | Component in chrome plating; Pigment and corrosion inhibitor for metal; Colorant for PVC | ED/31/2011 |
| Dichromium tris(chromate) | 246-356-2 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| Potassium hydroxyoctaoxidizincatedi-chromate | 234-329-8 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| Pentazinc chromate octahydroxide | 256-418-0 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| Aluminosilicate Refractory Ceramic Fibres (RCF) | -- | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| Zirconia Aluminosilicate Refractory Ceramic Fibres | -- | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| Formaldehyde, oligomeric reaction products with aniline | 500-036-1 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| Bis(2-methoxyethyl) phthalate | 204-212-6 | 19.12.2011 | Toxic for reproduction (article 57 c) | ED/77/2011 |
| 2-Methoxyaniline; o-Anisidine | 201-963-1 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) | 205-426-2 | 19.12.2011 | Equivalent level of concern having probable serious effects to the environment (article 57 f) | ED/77/2011 |
| 1,2-Dichloroethane | 203-458-1 | 19.12.2011 | Carcinogenic and toxic for reproduction (articles 57 a and 57 c) | ED/77/2011 |
| Bis(2-methoxyethyl) ether | 203-924-4 | 19.12.2011 | Toxic for reproduction (article 57 c) | ED/77/2011 |
| Arsenic acid | 231-901-9 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |

| Substance name | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|---|--------------|-------------------|--|-----------------|
| Calcium arsenate | 231-904-5 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| Trilead diarsenate | 222-979-5 | 19.12.2011 | Carcinogenic and toxic for reproduction (articles 57 a and 57 c) | ED/77/2011 |
| N,N-dimethylacetamide | 204-826-4 | 19.12.2011 | Toxic for reproduction (article 57 c) | ED/77/2011 |
| Phenolphthalein | 201-004-7 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| 2,2'-dichloro-4,4'-methylenedianiline (MOCA) | 202-918-9 | 19.12.2011 | Carcinogenic (article 57 a) | ED/77/2011 |
| Lead azide Lead diazide | 236-542-1 | 19.12.2011 | Toxic for reproduction (article 57 c) | ED/77/2011 |
| Lead styphnate | 239-290-0 | 19.12.2011 | Toxic for reproduction (article 57 c) | ED/77/2011 |
| Lead dipicrate | 229-335-2 | 19.12.2011 | Toxic for reproduction (article 57 c) | ED/77/2011 |
| 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 203-977-3 | 18.6.2012 | Toxic for reproduction (Article 57 c) | ED/95/2012 |
| 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 203-794-9 | 18.6.2012 | Toxic for reproduction (Article 57 c) | ED/95/2012 |
| Diboron trioxide | 215-125-8 | 18.6.2012 | Toxic for reproduction (Article 57 c) | ED/95/2012 |
| Formamide | 200-842-0 | 18.6.2012 | Toxic for reproduction (Article 57 c) | ED/95/2012 |
| Lead(II) bis(methanesulfonate) | 401-750-5 | 18.6.2012 | Toxic for reproduction (Article 57 c) | ED/95/2012 |
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC) | 219-514-3 | 18.6.2012 | Mutagenic (Article 57 b) | ED/95/2012 |
| 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 | 18.6.2012 | Mutagenic (Article 57 b) | ED/95/2012 |
| 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | 202-027-5 | 18.6.2012 | Carcinogenic (Article 57 a) | ED/95/2012 |
| N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 202-959-2 | 18.6.2012 | Carcinogenic (Article 57 a) | ED/95/2012 |
| [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) | 219-943-6 | 18.6.2012 | Carcinogenic (Article 57 a) | ED/95/2012 |
| [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) | 208-953-6 | 18.6.2012 | Carcinogenic (Article 57 a) | ED/95/2012 |
| 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol | 209-218-2 | 18.6.2012 | Carcinogenic (Article 57 a) | ED/95/2012 |
| α, α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) | 229-851-8 | 18.6.2012 | Carcinogenic (Article 57 a) | ED/95/2012 |

| Substance name | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|--|--------------|-------------------|--|-----------------|
| [Phthalato(2-)]dioxotrilead | 273-688-5 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| 1,2-Benzenedicarboxylicacid,dipentylester, branched and linear | 284-032-2 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| 1,2-Diethoxyethane | 211-076-1 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| 1-Bromopropane | 203-445-0 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| 3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 421-150-7 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| (1,1,3,3-Tetramethylbutyl)phenol, ethoxylated | -- | 19.12.2012 | Equivalent level of concern - probable serious effects on the environment (Article 57 f) | ED/169/2012 |
| 4,4'-Methylenedi-o-toluidine | 212-658-8 | 19.12.2012 | Carcinogenic (Article 57 a) | ED/169/2012 |
| 4,4'-Oxydianiline | 202-977-0 | 19.12.2012 | Carcinogenic (Article 57 a); | ED/169/2012 |
| 4-Aminoazobenzene | 200-453-6 | 19.12.2012 | Mutagenic (Article 57 b) | ED/169/2012 |
| 4-Methyl-m-phenylenediamine | 202-453-1 | 19.12.2012 | Carcinogenic (Article 57 a) | ED/169/2012 |
| 4-Nonylphenol, branched and linear | -- | 19.12.2012 | Equivalent level of concern - probable serious effects on the environment (Article 57 f) | ED/169/2012 |
| 6-Methoxy-m-toluidine | 204-419-1 | 19.12.2012 | Carcinogenic (Article 57 a) | ED/169/2012 |
| Acetic acid, lead salt, basic | 257-175-3 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Biphenyl-4-ylamine | 202-177-1 | 19.12.2012 | Carcinogenic (Article 57 a) | ED/169/2012 |
| Bis(pentabromophenyl) ether (DecaBDE) | 214-604-9 | 19.12.2012 | PBT (Article 57 d);vPvB (Article 57 e) | ED/169/2012 |
| C'-azodi(formamide) | 204-650-8 | 19.12.2012 | Equivalent level of concern - probable serious effects on human health (Article 57 f) | ED/169/2012 |
| Dibutyltin dichloride | 211-670-0 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |

| Substance name | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|---|--------------|-------------------|---|-----------------|
| Diethyl sulphate | 200-589-6 | 19.12.2012 | Carcinogenic (Article 57 a);Mutagenic (Article 57 b) | ED/169/2012 |
| Diisopentylphthalate (DIPP) | 210-088-4 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Dimethyl sulphate | 201-058-1 | 19.12.2012 | Carcinogenic (Article 57 a) | ED/169/2012 |
| Dinoseb | 201-861-7 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Dioxobis(stearato)trilead | 235-702-8 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Fatty acids, C16-18, lead salts | 292-966-7 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Furan | 203-727-3 | 19.12.2012 | Carcinogenic (Article 57a) | ED/169/2012 |
| Henicosaflluoroundecanoic acid | 218-165-4 | 19.12.2012 | vPvB (Article 57 e) | ED/169/2012 |
| Heptacosaflluorotetradecanoic acid | 206-803-4 | 19.12.2012 | vPvB (Article 57 e) | ED/169/2012 |
| Hexahydro-2-benzofuran-1,3-dione,cis-cyclohexane-1,2-dicarboxylic anhydride,trans-cyclohexane-1,2-dicarboxylic anhydride | 201-604-9 | 19.12.2012 | Equivalent level of concern - probable serious effects on human health (Article 57 f) | ED/169/2012 |
| Hexahydromethylphthalic anhydride,Hexahydro-4-methylphthalic anhydride,Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | 247-094-1 | 19.12.2012 | Equivalent level of concern - probable serious effects on human health (Article 57 f) | ED/169/2012 |
| Lead bis(tetrafluoroborate) | 237-486-0 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Lead cyanamidate# | 244-073-9 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Lead dinitrate# | 233-245-9 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Lead monoxide# | 215-267-0 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Lead oxide sulphate# | 234-853-7 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Lead tetroxide# | 215-235-6 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Lead titanium trioxide# | 235-038-9 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Lead Titanium Zirconium Oxide | 235-727-4 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |

| Substance name | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|---------------------------------------|--------------|-------------------|---|-----------------|
| Methoxyacetic acid | 210-894-6 | 19.12.2012 | Toxic for reproduction (Article 57 c); equivalent level of concern -probable serious effects on human health and the environment (Article 57 f) | ED/169/2012 |
| N,N-dimethylformamide | 200-679-5 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| N-methylacetamide | 201-182-6 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| N-pentyl-isopentylphthalate | - | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| o-Aminoazotoluene | 202-591-2 | 19.12.2012 | Carcinogenic (Article 57 a) | ED/169/2012 |
| o-Toluidine | 202-429-0 | 19.12.2012 | Carcinogenic (Article 57 a) | ED/169/2012 |
| Pentacosafuorotridecanoic acid | 276-745-2 | 19.12.2012 | vPvB (Article 57 e) | ED/169/2012 |
| Pentalead tetraoxide sulphate | 235-067-7 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Propylene oxide | 200-879-2 | 19.12.2012 | Carcinogenic(Article57 a); Mutagenic (Article 57 b) | ED/169/2012 |
| Pyrochlore, antimony lead yellow | 232-382-1 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Silicic acid, barium salt, lead-doped | 272-271-5 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Silicic acid, lead salt# | 234-363-3 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Sulfurous acid, lead salt, dibasic | 263-467-1 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Tetraethyllead | 201-075-4 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Tetralead trioxide sulphate | 235-380-9 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Tricosafuorododecanoic acid | 206-203-2 | 19.12.2012 | vPvB (Article 57 e) | ED/169/2012 |
| Trilead bis(carbonate)dihydroxide | 215-290-6 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |
| Trilead dioxide phosphonate | 235-252-2 | 19.12.2012 | Toxic for reproduction (Article 57 c) | ED/169/2012 |

| Substance name(newly added 6) | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|--|--------------|-------------------|--|-----------------|
| Cadmium | 231-152-8 | 20.6.2013 | Carcinogenic (Article 57a) | ED/69/2013 |
| Cadmium Oxide | 215-146-2 | 20.6.2013 | Carcinogenic (Article 57a) | ED/69/2013 |
| Ammonium pentaadecafluorooctanoate (APFO) | 223-320-4 | 20.6.2013 | Toxic for reproduction (Article 57 c); PBT (Article 57 d) | ED/69/2013 |
| Pentadecafluorooctanoic acid (PFOA) | 206-397-9 | 20.6.2013 | Toxic for reproduction (Article 57 c); PBT (Article 57 d) | ED/69/2013 |
| Dipentyl phthalate (DPP) | 205-017-9 | 20.6.2013 | Toxic for reproduction (Article 57 c) | 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] | - | 20.6.2013 | Equivalent level of concern having probable serious effects to the environment (due to the endocrine disrupting properties of the degradation products) (Article 57 f) | ED/69/2013 |
| Dihexyl phthalate | 201-559-5 | 16.12.2013 | Toxic for reproduction (Article 57 c) | 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 | 16.12.2013 | Carcinogenic (Article 57a) | ED/121/2013 |
| Cadmium sulphide | 215-147-8 | 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 | 16.12.2013 | Carcinogenic (Article 57a) | ED/121/2013 |
| Imidazolidine-2-thione; (2-imidazoline-2-thiol) | 202-506-9 | 16.12.2013 | Toxic for reproduction (Article 57 c) | ED/121/2013 |
| Lead di(acetate) | 206-104-4 | 16.12.2013 | Toxic for reproduction (Article 57 c) | ED/121/2013 |
| Trixylyl phosphate | 246-677-8 | 16.12.2013 | Toxic for reproduction (Article 57 c) | ED/121/2013 |

| Substance name(newly added 6) | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|---|-------------------------|-------------------|---|-----------------|
| Cadmium chloride | 233-296-7 | 16.6.2014 | 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 peroxometaborate | 231-556-4 | 16.6.2014 | Toxic for reproduction (Article 57 c) | ED/49/2014 |
| 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 271-093-5 | 16.6.2014 | Toxic for reproduction (Article 57 c) | ED/49/2014 |
| Sodium perborate; perboric acid, sodium salt | 239-172-9; 234-390-0 | 16.6.2014 | Toxic for reproduction (Article 57 c) | ED/49/2014 |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 247-384-8 | 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 | 17.12.2014 | PBT (Article 57 d); vPvB (Article 57 e) | ED/108/2014 |
| Cadmium fluoride | 232-222-0 | 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 | 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 |
| 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 239-622-4 | 17.12.2014 | Toxic for reproduction (Article 57 c) | ED/108/2014 |
| Reaction mass of 2-ethylhexyl10-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 |

| Substance name(newly added 6) | EC (CAS No.) | Date of inclusion | Reason for inclusion | Decision number |
|--|-------------------------|-------------------|--|-----------------|
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5) | 271-094-0; 272-013-1 | 15.6.2015 | Toxic for reproduction (Article 57 c) | ED/39/2015 |
| 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] | - | 15.6.2015 | vPvB (Article 57e) | ED/39/2015 |
| Nitrobenzene | 202-716-0 | 17.12.2015 | Toxic for reproduction (Article 57 c) | ED/79/2015 |
| 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 223-383-8 | 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 | 17.12.2015 | vPvB (Article 57 e) | ED/79/2015 |
| 1,3-propanesultone | 214-317-9 | 17.12.2015 | Carcinogenic (Article 57 a) | ED/79/2015 |
| Perfluorononan-1-oi-c-acid and its sodium and ammonium salts | 206-801-3 | 17.12.2015 | Toxic for reproduction (Article 57 c) PBT (Article 57 d) | ED/79/2015 |