



## Statement of Compliance with REACH:

This statement represents that based on all available information known to Industrial Rivet & Fastener up to this date, all duties under the European Union regulation no. 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) regarding the disclosure of Substances of Very High Concern (SVHC) according to Article 33 of the regulation with respect to the below identified products have been fulfilled.

**Product Name:**     **Standard (Metallic) Rivets in RivetKing Catalog and manufactured after 2007**  
***(Excluding yellow zinc plated fasteners)***

This statement covers only the disclosure requirements for the above identified products supplied by Industrial Rivet & Fastener. All questions regarding the disclosure requirements for the identified products should be directed to us using the contact information provided below.

### Contact information

Industrial Rivet and Fastener Co., Inc  
35 Maple St  
Norwood, New Jersey 07648

We are required to pass on the information to our customers regarding all SVHC present in a concentration above 0.1% in the identified products. If the customer is a consumer we are required to pass on the information upon request by the consumer within 45 days of receipt of the request.

In this respect we are required to pass on the identity of the SVHC present in the product and any instructions necessary for the safe use of the product with respect to the SVHC.

We are also required to update the information required for SVHC and to provide all information required by competent authorities in the EU to verify that the requirements for SVHC regarding the identified products are complied with.

For your convenience we have enclosed as Annex 1 a short summary of some of the obligations according to REACH for suppliers of articles in the EU.

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## **Annex 1**

### **REACH OBLIGATIONS FOR SUPPLIERS OF ARTICLES**

Please find below for your convenience some of the important obligations for suppliers of articles according to REACH. Please note that the below information is not legally binding and is only provided for informational purposes.

#### **What is an article?**

The meaning of an “article” is defined in Article 3 (3):

Article: means an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition;

The function of an article is determined by the intended use and purpose of the article as this is identified by the supplier of the article. The function is also determined according to the expectations determined by the buyer of the article.

The function of an article is therefore often identified by the documentation accompanying the product such as Instruction Manuals, Safety Instructions or any instructions supplied for installation or maintenance of the article.

#### **Main Obligations for article suppliers under REACH:**

##### **Information to the European Chemicals Agency (ECHA)**

The duty to communicate information about the chemicals in the products to the ECHA applies according to **Article 7** of REACH.

- Article 7(1) requires Producers and Importers of products to register with the ECHA chemical substances that are intentionally released from the products during use.
- Article 7(2) requires Producers and Importers of products to notify the ECHA of the content of Substances of Very High Concern (SVHCs) if the concentration of SVHC is above 0.1% weight by weight (w/w) and the total amount put on the EU market by the subject company is more than 1 ton a year.

The duty to register and notify according to Article 7 can be fulfilled by using the REACH IT tool that can be accessed free of charge at the ECHA website.

Only manufacturers and importers established in the EU can submit registrations and notifications according to Article 7.

Non-EU manufacturers of products containing substances that require registration or notification can appoint an Only Representative according to Article 8 in REACH and fulfill these requirements through the only representative. Non-EU manufacturers that use an Only Representative will remain anonymous during the process of registration or notification.

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#### **Information to customers**

The duty to communicate information about the chemicals in the products to the customers applies according to **Article 33** in REACH.

- Article 33(1) requires Producers and Importers of products to disclose the content of SVHCs in products automatically to professional customers if the concentration of SVHC is above 0,1% w/w.
- Article 33(2) requires Producers and Importers of products to disclose the content of SVHCs in products consumers if the concentration of SVHC is above 0.1% w/w. This duty applies upon request by the consumer and the information has to be submitted to the consumer within 45 days.

The information according to Article 33 shall include sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance. The information shall be communicated in the language of the customer and the communication has to be free of charge.

The information according to Article 33 must accompany the products supplied to the EU market – however as noted above for products supplied to consumers the information must only be supplied upon request from the consumer.

#### **SVHCs – definition and Candidate list**

SVHCs are defined as substance meeting the criteria in Article 57 where SVHC are defined as substances that are classified as:

- CMR (categories 1 and 2) (substances that are Carcinogenic, Mutagenic or toxic to Reproduction)
- PBT (substances that are Persistent, Bioaccumulative and Toxic)
- vPvB (substances that are very Persistent very Bioaccumulative)
- Substances with similar effects (eg. substances that are Endocrine Disrupters)

The duty according to Article 33 only applies to substances identified according to Article 59(1) in REACH regarding the so-called Candidate List from ECHA.

The first ECHA Candidate list was published on October 28. 2008 and the list identifies 15 substances that have to comply with the above identified requirements – the list can be found on the ECHA website: [www.echa.eu](http://www.echa.eu) . The candidate list will be a dynamic list and additional substances are expected to be added on a regular basis. Effective January 2010, the ECHA will also include 15 new substances to the Candidate List. Industrial Rivet & Fastener Company will remain in compliance with the REACH directive as our standard fasteners will not contain these substances.

#### **Substances subject to authorization**

Manufacturers of articles in the EU may use a substance for an authorized use provided they obtain the substance from a company that has received an authorization for this use and they use it within the conditions laid out in that authorization. The information on the uses covered by the authorization and any applicable conditions must be provided by the supplier of the substance. Alternatively, the manufacturer can apply for an authorization for their own use or their customers' uses.

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### Substances subject to restriction

Articles must comply with the restrictions listed in Annex XVII of the REACH Regulation. Industrial Rivet & Fastener is also in compliance with the European Union Directive 2002/95/EC (RoHS). Unplated low and medium carbon steel, alloy steel, and uncoated stainless steel fasteners are RoHS compliant. Brass, bronze, silicon, bronze, aluminum, and nylon fasteners and nylon material used for patches are also RoHS compliant. Thermal and chemical black oxide finishes, and ASTM B695 Type 1 mechanically galvanized products you procure from Industrial Rivet & Fastener comply with all aspects of the Directive as well. These fasteners are free from cadmium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), decabromodiphenyl ethers (DecaBDE) and contaminated from mercury. In addition, the lead alloying element in steel is less than 0.35% by weight in accordance with the Annex paragraph 6 in the RoHS Directive. For aluminum alloys, the lead alloying element is less than 0.4% and for copper alloys, the lead content shall not exceed 4% by weight in accordance with the Annex paragraph 6 in the RoHS Directive.

**Table 1 Compliance Matrix for Plain Carbon, Alloy, and Stainless Steel Fasteners**

| Substance | Reference                   | Maximum Limit (wt%) | Fastener Material |
|-----------|-----------------------------|---------------------|-------------------|
| Pb        | ANNEX (6)                   | 0.35%               | < 0.35% Pb        |
| Cd        | 2005/618/EC <sup>Ⓢ</sup>    | 0.01%               | <0.01% Cd         |
| Hg        | 2005/618/EC <sup>Ⓢ</sup>    | 0.1%                | <0.1% Hg          |
| Cr+6      | 2005/618/EC <sup>Ⓢ</sup>    | 0.1%                | <0.1% Cr+6        |
| PBB       | 2005/618/EC <sup>Ⓢ</sup>    | 0.1%                | <0.1% PBB         |
| PBDE      | 2005/618/EC <sup>Ⓢ</sup>    | 0.1%                | <0.1% PBDE        |
| DecaBDE   | Court Judgment <sup>Ⓢ</sup> | 0.0%                | 0.0% DecaBDE      |

<sup>Ⓢ</sup> The Directive is amended by Commission Decision 2005/618/EC, defining maximum concentration values of the banned substances by weight in homogeneous materials.

<sup>Ⓢ</sup> The Judgment of the Court (Grand Chamber) annuls Point 2 of the Annex to Commission Decision 2005/717/EC in an April 1, 2008 ruling. The annulment takes effect on July 1, 2008.

Catalog parts plated with electrodeposited zinc and yellow chromate (more commonly referred to as “yellow zinc”) contain approximately 1-3 micrograms per cm<sup>2</sup> of hexavalent chromium (Cr +6) and do not comply with the 0.1 wt% maximum concentration level. Therefore, some Industrial Rivet & Fastener standard part numbers for plated products should not be used in equipment listed in categories 1-7 and 10 of Directive 2002/96/EC.

Industrial Rivet & Fastener has converted all fasteners plated with electrodeposited zinc and clear chromate (more commonly known as “clear zinc”) from hexavalent chromate (Cr +6) to trivalent chromate (Cr+3). Industrial Rivet & Fastener has been restricting its purchasing to compliant fasteners since October 1, 2006.

At this date, no changes are planned for standard plating other than clear zinc. Our standard zinc and yellow chromate (yellow zinc) finish will continue to contain hexavalent chromium (Cr +6). If your application requires a coating other than clear zinc, Industrial Rivet & Fastener has multiple sources for chromium free coatings that will meet or exceed the performance of standard platings containing hexavalent chromium. Please contact Industrial Rivet & Fastener for pricing and assistance on selecting the right coating for your application.

**List to Follow - Substances of Very High Concern (SVHC) – (SVHC’s Current as of 25/06/2025)**

| Substance name                                                                                                        | EC No.    | CAS No.          | Reason for inclusion                                                                                                                                              | Date of inclusion |
|-----------------------------------------------------------------------------------------------------------------------|-----------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one                                                         | 239-139-9 | 15087-24-8       | Endocrine disrupting properties (Article 57(f) - environment)                                                                                                     | 15/01/2019        |
| 2,2-bis(4'-hydroxyphenyl)-4-methylpentane                                                                             | 401-720-1 | 6807-17-6        | Toxic for reproduction (Article 57c)                                                                                                                              | 15/01/2019        |
| Benzo[k]fluoranthene                                                                                                  | 205-916-6 | 207-08-9         | Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)                                                                                                   | 15/01/2019        |
| Fluoranthene                                                                                                          | 205-912-4 | 206-44-0         | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                              | 15/01/2019        |
| Phenanthrene                                                                                                          | 201-581-5 | 85-01-8          | vPvB (Article 57e)                                                                                                                                                | 15/01/2019        |
| Pyrene                                                                                                                | 204-927-3 | 129-00-0         | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                              | 15/01/2019        |
| Benzene-1,2,4-tricarboxylic acid 1,2 anhydride                                                                        | 209-008-0 | 552-30-7         | Respiratory sensitising properties (Article 57(f) - human health)                                                                                                 | 27/06/2018        |
| Benzo[ghi]perylene                                                                                                    | 205-883-8 | 191-24-2         | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                              | 27/06/2018        |
| Decamethylcyclopentasiloxane                                                                                          | 208-764-9 | 541-02-6         | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                              | 27/06/2018        |
| Dicyclohexyl phthalate                                                                                                | 201-545-9 | 84-61-7          | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)                                                               | 27/06/2018        |
| Disodium octaborate                                                                                                   | 234-541-0 | 12008-41-2       | Toxic for reproduction (Article 57c)                                                                                                                              | 27/06/2018        |
| Dodecamethylcyclohexasiloxane                                                                                         | 208-762-8 | 540-97-6         | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                              | 27/06/2018        |
| Ethylenediamine                                                                                                       | 203-468-6 | 107-15-3         | Respiratory sensitising properties (Article 57(f) - human health)                                                                                                 | 27/06/2018        |
| Lead                                                                                                                  | 231-100-4 | 7439-92-1        | Toxic for reproduction (Article 57c)                                                                                                                              | 27/06/2018        |
| Octamethylcyclotetrasiloxane                                                                                          | 209-136-7 | 556-67-2         | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                              | 27/06/2018        |
| Terphenyl, hydrogenated                                                                                               | 262-967-7 | 61788-32-7       | vPvB (Article 57e)                                                                                                                                                | 27/06/2018        |
| Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)                               | -         | -                | vPvB (Article 57e)                                                                                                                                                | 15/01/2018        |
| dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10 dimethanodibenzo[a,e]cyclooctene                   | -         | -                | vPvB (Article 57e)                                                                                                                                                | 15/01/2018        |
| 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene                     | 236-948-9 | 13560-89-9       | vPvB (Article 57e)                                                                                                                                                | 15/01/2018        |
| dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10 dimethanodibenzo[a,e]cyclooctene                   | -         | -                | vPvB (Article 57e)                                                                                                                                                | 15/01/2018        |
| Benz[a]anthracene                                                                                                     | 200-280-6 | 56-55-3          | Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)                                                                                                   | 15/01/2018        |
| Cadmium carbonate                                                                                                     | 208-168-9 | 513-78-0         | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)                          | 15/01/2018        |
| Cadmium hydroxide                                                                                                     | 244-168-5 | 21041-95-2       | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)                          | 15/01/2018        |
| Cadmium nitrate                                                                                                       | 233-710-6 | 10325-94-7; 1002 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)                          | 15/01/2018        |
| Chrysene                                                                                                              | 205-923-4 | 218-01-9         | Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)                                                                                                   | 15/01/2018        |
| Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) | -         | -                | Endocrine disrupting properties (Article 57(f) - environment)                                                                                                     | 15/01/2018        |
| Perfluorohexane-1-sulphonic acid and its salts                                                                        | -         | -                | vPvB (Article 57e)                                                                                                                                                | 07/07/2017        |
| 4,4'-isopropylidenediphenol                                                                                           | 201-245-8 | 80-05-7          | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - environment)#Endocrine disrupting properties (Article 57(f) - human health) | 12/01/2017        |
| 4-heptylphenol, branched and linear                                                                                   | -         | -                | Endocrine disrupting properties (Article 57(f) - environment)                                                                                                     | 12/01/2017        |
| Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts                                                  | -         | -                | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                            | 12/01/2017        |
| Nonadecafluorodecanoic acid                                                                                           | 206-400-3 | 335-76-2         | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                            | 12/01/2017        |
| Decanoic acid, nonadecafluoro-, sodium salt                                                                           | -         | 3830-45-3        | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                            | 12/01/2017        |
| Ammonium nonadecafluorodecanoate                                                                                      | 221-470-5 | 3108-42-7        | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                            | 12/01/2017        |
| p-(1,1-dimethylpropyl)phenol                                                                                          | 201-280-9 | 80-46-6          | Endocrine disrupting properties (Article 57(f) - environment)                                                                                                     | 12/01/2017        |
| Benzo[def]chrysene (Benzo[a]pyrene)                                                                                   | 200-028-5 | 50-32-8          | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#PBT (Article 57d)#vPvB (Article 57e)                                      | 20/06/2016        |
| 1,3-propanesultone                                                                                                    | 214-317-9 | 1120-71-4        | Carcinogenic (Article 57a)                                                                                                                                        | 17/12/2015        |
| 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)                                                        | 223-383-8 | 3864-99-1        | vPvB (Article 57e)                                                                                                                                                | 17/12/2015        |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)                                                  | 253-037-1 | 36437-37-3       | vPvB (Article 57e)                                                                                                                                                | 17/12/2015        |
| Nitrobenzene                                                                                                          | 202-716-0 | 98-95-3          | Toxic for reproduction (Article 57c)                                                                                                                              | 17/12/2015        |

|                                                                                                                                      |           |                  |                                                                                                                                                                               |            |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Perfluorononan-1-oic-acid and its sodium and ammonium salts                                                                          | -         | -                | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                                        | 17/12/2015 |
| Ammonium salts of perfluorononan-1-oic-acid                                                                                          | -         | -, 4149-60-4     | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                                        | 17/12/2015 |
| Perfluorononan-1-oic-acid                                                                                                            | 206-801-3 | 375-95-1         | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                                        | 17/12/2015 |
| Sodium salts of perfluorononan-1-oic-acid                                                                                            | -         | -, 21049-39-8    | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                                        | 17/12/2015 |
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters                                      | -         | -                | Toxic for reproduction (Article 57c)                                                                                                                                          | 15/06/2015 |
| 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters                                                               | 272-013-1 | 68648-93-1       | Toxic for reproduction (Article 57c)                                                                                                                                          | 15/06/2015 |
| 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters                                                                                  | 271-094-0 | 68515-51-5       | Toxic for reproduction (Article 57c)                                                                                                                                          | 15/06/2015 |
| [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]                                                         | -         | -                | vPvB (Article 57e)                                                                                                                                                            | 15/06/2015 |
| 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane                                                                  | -         | -                | vPvB (Article 57e)                                                                                                                                                            | 15/06/2015 |
| 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane                                                                  | -         | -                | vPvB (Article 57e)                                                                                                                                                            | 15/06/2015 |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)                                                                             | 247-384-8 | 25973-55-1       | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                                          | 17/12/2014 |
| 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)                                                                                 | 223-346-6 | 3846-71-7        | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                                          | 17/12/2014 |
| 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)                                               | 239-622-4 | 15571-58-1       | Toxic for reproduction (Article 57c)                                                                                                                                          | 17/12/2014 |
| Cadmium fluoride                                                                                                                     | 232-222-0 | 7790-79-6        | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 17/12/2014 |
| Cadmium sulphate                                                                                                                     | 233-331-6 | 10124-36-4, 3111 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 17/12/2014 |
| 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- | -         | -                | Toxic for reproduction (Article 57c)                                                                                                                                          | 17/12/2014 |
| 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear                                                                     | 271-093-5 | 68515-50-4       | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/06/2014 |
| Cadmium chloride                                                                                                                     | 233-296-7 | 10108-64-2       | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 16/06/2014 |
| Sodium perborate, perboric acid, sodium salt                                                                                         | -         | -                | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/06/2014 |
| Perboric acid, sodium salt                                                                                                           | 234-390-0 | 11138-47-9       | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/06/2014 |
| Sodium perborate                                                                                                                     | 239-172-9 | 15120-21-5       | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/06/2014 |
| Sodium peroxometaborate                                                                                                              | 231-556-4 | 7632-04-4        | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/06/2014 |
| Cadmium sulphide                                                                                                                     | 215-147-8 | 1306-23-6        | Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)                                                              | 16/12/2013 |
| Dihexyl phthalate                                                                                                                    | 201-559-5 | 84-75-3          | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/12/2013 |
| 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         | Carcinogenic (Article 57a)                                                                                                                                                    | 16/12/2013 |
| yl)azoj -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)                                                  | 217-710-3 | 1937-37-7        | Carcinogenic (Article 57a)                                                                                                                                                    | 16/12/2013 |
| Imidazolidine-2-thione (2-imidazoline-2-thiol)                                                                                       | 202-506-9 | 96-45-7          | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/12/2013 |
| Lead di(acetate)                                                                                                                     | 206-104-4 | 301-04-2         | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/12/2013 |
| Trixylyl phosphate                                                                                                                   | 246-677-8 | 25155-23-1       | Toxic for reproduction (Article 57c)                                                                                                                                          | 16/12/2013 |
| 4-Nonylphenol, branched and linear, ethoxylated                                                                                      | -         | -                | Endocrine disrupting properties (Article 57(f) - environment)                                                                                                                 | 20/06/2013 |
| Ammonium pentadecafluorooctanoate (APFO)                                                                                             | 223-320-4 | 3825-26-1        | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                                        | 20/06/2013 |
| Cadmium                                                                                                                              | 231-152-8 | 7440-43-9        | Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)                                                              | 20/06/2013 |
| Cadmium oxide                                                                                                                        | 215-146-2 | 1306-19-0        | Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)                                                              | 20/06/2013 |
| Dipentyl phthalate (DPP)                                                                                                             | 205-017-9 | 131-18-0         | Toxic for reproduction (Article 57c)                                                                                                                                          | 20/06/2013 |
| Pentadecafluorooctanoic acid (PFOA)                                                                                                  | 206-397-9 | 335-67-1         | Toxic for reproduction (Article 57c)#PBT (Article 57d)                                                                                                                        | 20/06/2013 |
| 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear                                                                    | 284-032-2 | 84777-06-0       | Toxic for reproduction (Article 57c)                                                                                                                                          | 19/12/2012 |
| 1,2-diethoxyethane                                                                                                                   | 211-076-1 | 629-14-1         | Toxic for reproduction (Article 57c)                                                                                                                                          | 19/12/2012 |
| 1-bromopropane (n-propyl bromide)                                                                                                    | 203-445-0 | 106-94-5         | Toxic for reproduction (Article 57c)                                                                                                                                          | 19/12/2012 |
| 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine                                                                                   | 421-150-7 | 143860-04-2      | Toxic for reproduction (Article 57c)                                                                                                                                          | 19/12/2012 |
| 4,4'-methylenedi-o-toluidine                                                                                                         | 212-658-8 | 838-88-0         | Carcinogenic (Article 57a)                                                                                                                                                    | 19/12/2012 |
| 4,4'-oxydianiline and its salts                                                                                                      | -         | -                | Carcinogenic (Article 57a)#Mutagenic (Article 57b)                                                                                                                            | 19/12/2012 |

|                                                                 |           |            |                                                                   |            |
|-----------------------------------------------------------------|-----------|------------|-------------------------------------------------------------------|------------|
| 4,4'-oxydianiline                                               | 202-977-0 | 101-80-4   | Carcinogenic (Article 57a)#Mutagenic (Article 57b)                | 19/12/2012 |
| 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated                 | -         | -          | Endocrine disrupting properties (Article 57(f) - environment)     | 19/12/2012 |
| 4-aminoazobenzene                                               | 200-453-6 | 60-09-3    | Carcinogenic (Article 57a)                                        | 19/12/2012 |
| 4-methyl-m-phenylenediamine (toluene-2,4-diamine)               | 202-453-1 | 95-80-7    | Carcinogenic (Article 57a)                                        | 19/12/2012 |
| 4-Nonylphenol, branched and linear                              | -         | -          | Endocrine disrupting properties (Article 57(f) - environment)     | 19/12/2012 |
| 6-methoxy-m-toluidine (p-cresidine)                             | 204-419-1 | 120-71-8   | Carcinogenic (Article 57a)                                        | 19/12/2012 |
| [Phthalato(2-)]dioxotrilead                                     | 273-688-5 | 69011-06-9 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Acetic acid, lead salt, basic                                   | 257-175-3 | 51404-69-4 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Biphenyl-4-ylamine                                              | 202-177-1 | 92-67-1    | Carcinogenic (Article 57a)                                        | 19/12/2012 |
| Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) | 214-604-9 | 1163-19-5  | PBT (Article 57d)#vPvB (Article 57e)                              | 19/12/2012 |
| Cyclohexane-1,2-dicarboxylic anhydride                          | -         | -          | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| cis-cyclohexane-1,2-dicarboxylic anhydride                      | 236-086-3 | 13149-00-3 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Cyclohexane-1,2-dicarboxylic anhydride                          | 201-604-9 | 85-42-7    | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| trans-cyclohexane-1,2-dicarboxylic anhydride                    | 238-009-9 | 14166-21-3 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)        | 204-650-8 | 123-77-3   | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Dibutyltin dichloride (DBTC)                                    | 211-670-0 | 683-18-1   | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Diethyl sulphate                                                | 200-589-6 | 64-67-5    | Carcinogenic (Article 57a)#Mutagenic (Article 57b)                | 19/12/2012 |
| Diisopentyl phthalate                                           | 210-088-4 | 605-50-5   | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Dimethyl sulphate                                               | 201-058-1 | 77-78-1    | Carcinogenic (Article 57a)                                        | 19/12/2012 |
| Dinoseb (6-sec-butyl-2,4-dinitrophenol)                         | 201-861-7 | 88-85-7    | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Dioxobis(stearato)trilead                                       | 235-702-8 | 12578-12-0 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Fatty acids, C16-18, lead salts                                 | 292-966-7 | 91031-62-8 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Furan                                                           | 203-727-3 | 110-00-9   | Carcinogenic (Article 57a)                                        | 19/12/2012 |
| Henicosafuoroundecanoic acid                                    | 218-165-4 | 2058-94-8  | vPvB (Article 57e)                                                | 19/12/2012 |
| Heptacosafuorotetradecanoic acid                                | 206-803-4 | 376-06-7   | vPvB (Article 57e)                                                | 19/12/2012 |
| Hexahydromethylphthalic anhydride                               | -         | -          | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Hexahydro-4-methylphthalic anhydride                            | 243-072-0 | 19438-60-9 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Hexahydro-3-methylphthalic anhydride                            | 260-566-1 | 57110-29-9 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Hexahydro-1-methylphthalic anhydride                            | 256-356-4 | 48122-14-1 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Hexahydromethylphthalic anhydride                               | 247-094-1 | 25550-51-0 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Lead bis(tetrafluoroborate)                                     | 237-486-0 | 13814-96-5 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Lead cyanamidate                                                | 244-073-9 | 20837-86-9 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Lead dinitrate                                                  | 233-245-9 | 10099-74-8 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Lead monoxide (lead oxide)                                      | 215-267-0 | 1317-36-8  | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Lead oxide sulfate                                              | 234-853-7 | 12036-76-9 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Lead titanium trioxide                                          | 235-038-9 | 12060-00-3 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Lead titanium zirconium oxide                                   | 235-727-4 | 12626-81-2 | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Methoxyacetic acid                                              | 210-894-6 | 625-45-6   | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| Methyloxirane (Propylene oxide)                                 | 200-879-2 | 75-56-9    | Carcinogenic (Article 57a)#Mutagenic (Article 57b)                | 19/12/2012 |
| N,N-dimethylformamide                                           | 200-679-5 | 68-12-2    | Toxic for reproduction (Article 57c)                              | 19/12/2012 |
| N-methylacetamide                                               | 201-182-6 | 79-16-3    | Toxic for reproduction (Article 57c)                              | 19/12/2012 |

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| n-pentyl-isopentylphthalate                                                                                              | 933-378-9 | 776297-69-9 | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| o-aminoazotoluene                                                                                                        | 202-591-2 | 97-56-3     | Carcinogenic (Article 57a)                                    | 19/12/2012 |
| o-toluidine                                                                                                              | 202-429-0 | 95-53-4     | Carcinogenic (Article 57a)                                    | 19/12/2012 |
| Orange lead (lead tetroxide)                                                                                             | 215-235-6 | 1314-41-6   | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Pentacosafuorotridecanoic acid                                                                                           | 276-745-2 | 72629-94-8  | vPvB (Article 57e)                                            | 19/12/2012 |
| Pentalead tetraoxide sulphate                                                                                            | 235-067-7 | 12065-90-6  | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Pyrochlore, antimony lead yellow                                                                                         | 232-382-1 | 8012-00-8   | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-doped                                           | 272-271-5 | 68784-75-8  | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Silicic acid, lead salt                                                                                                  | 234-363-3 | 11120-22-2  | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Sulfurous acid, lead salt, dibasic                                                                                       | 263-467-1 | 62229-08-7  | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Tetraethyllead                                                                                                           | 201-075-4 | 78-00-2     | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Tetralead trioxide sulphate                                                                                              | 235-380-9 | 12202-17-4  | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Tricosafuorododecanoic acid                                                                                              | 206-203-2 | 307-55-1    | vPvB (Article 57e)                                            | 19/12/2012 |
| Trilead bis(carbonate) dihydroxide                                                                                       | 215-290-6 | 1319-46-6   | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| Trilead dioxide phosphonate                                                                                              | 235-252-2 | 12141-20-7  | Toxic for reproduction (Article 57c)                          | 19/12/2012 |
| 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)                                                             | 203-794-9 | 110-71-4    | Toxic for reproduction (Article 57c)                          | 18/06/2012 |
| 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)                                                                        | 203-977-3 | 112-49-2    | Toxic for reproduction (Article 57c)                          | 18/06/2012 |
| 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)                                                         | 219-514-3 | 2451-62-9   | Mutagenic (Article 57b)                                       | 18/06/2012 |
| 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  | Mutagenic (Article 57b)                                       | 18/06/2012 |
| 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol                                                                  | 209-218-2 | 561-41-1    | Carcinogenic (Article 57a)                                    | 18/06/2012 |
| 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)                                                                   | 202-027-5 | 90-94-8     | Carcinogenic (Article 57a)                                    | 18/06/2012 |
| [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) | 208-953-6 | 548-62-9    | Carcinogenic (Article 57a)                                    | 18/06/2012 |
| [(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)            | 219-943-6 | 2580-56-5   | Carcinogenic (Article 57a)                                    | 18/06/2012 |
| Diboron trioxide                                                                                                         | 215-125-8 | 1303-86-2   | Toxic for reproduction (Article 57c)                          | 18/06/2012 |
| Formamide                                                                                                                | 200-842-0 | 75-12-7     | Toxic for reproduction (Article 57c)                          | 18/06/2012 |
| Lead(II) bis(methanesulfonate)                                                                                           | 401-750-5 | 17570-76-2  | Toxic for reproduction (Article 57c)                          | 18/06/2012 |
| N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)                                                           | 202-959-2 | 101-61-1    | Carcinogenic (Article 57a)                                    | 18/06/2012 |
| α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1 methanol (C.I. Solvent Blue 4)                             | 229-851-8 | 6786-83-0   | Carcinogenic (Article 57a)                                    | 18/06/2012 |
| 1,2-dichloroethane                                                                                                       | 203-458-1 | 107-06-2    | Carcinogenic (Article 57a)                                    | 19/12/2011 |
| 2,2'-dichloro-4,4'-methylenedianiline                                                                                    | 202-918-9 | 101-14-4    | Carcinogenic (Article 57a)                                    | 19/12/2011 |
| 2-Methoxyaniline, o-Anisidine                                                                                            | 201-963-1 | 90-04-0     | Carcinogenic (Article 57a)                                    | 19/12/2011 |
| 4-(1,1,3,3-tetramethylbutyl)phenol                                                                                       | 205-426-2 | 140-66-9    | Endocrine disrupting properties (Article 57(f) - environment) | 19/12/2011 |
| Aluminosilicate Refractory Ceramic Fibres                                                                                | -         | -           | Carcinogenic (Article 57a)                                    | 19/12/2011 |
| Arsenic acid                                                                                                             | 231-901-9 | 7778-39-4   | Carcinogenic (Article 57a)                                    | 19/12/2011 |
| Bis(2-methoxyethyl) ether                                                                                                | 203-924-4 | 111-96-6    | Toxic for reproduction (Article 57c)                          | 19/12/2011 |
| Bis(2-methoxyethyl) phthalate                                                                                            | 204-212-6 | 117-82-8    | Toxic for reproduction (Article 57c)                          | 19/12/2011 |
| Calcium arsenate                                                                                                         | 231-904-5 | 7778-44-1   | Carcinogenic (Article 57a)                                    | 19/12/2011 |
| Dichromium tris(chromate)                                                                                                | 246-356-2 | 24613-89-6  | Carcinogenic (Article 57a)                                    | 19/12/2011 |
| Formaldehyde, oligomeric reaction products with aniline                                                                  | 500-036-1 | 25214-70-4  | Carcinogenic (Article 57a)                                    | 19/12/2011 |
| Lead diazide, Lead azide                                                                                                 | 236-542-1 | 13424-46-9  | Toxic for reproduction (Article 57c)                          | 19/12/2011 |
| Lead dipicrate                                                                                                           | 229-335-2 | 6477-64-1   | Toxic for reproduction (Article 57c)                          | 19/12/2011 |

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| Lead styphnate                                                          | 239-290-0 | 15245-44-0       | Toxic for reproduction (Article 57c)                                                    | 19/12/2011 |
| N,N-dimethylacetamide                                                   | 204-826-4 | 127-19-5         | Toxic for reproduction (Article 57c)                                                    | 19/12/2011 |
| Pentazinc chromate octahydroxide                                        | 256-418-0 | 49663-84-5       | Carcinogenic (Article 57a)                                                              | 19/12/2011 |
| Phenolphthalein                                                         | 201-004-7 | 77-09-8          | Carcinogenic (Article 57a)                                                              | 19/12/2011 |
| Potassium hydroxyoctaoxodizincatedichromate                             | 234-329-8 | 11103-86-9       | Carcinogenic (Article 57a)                                                              | 19/12/2011 |
| Trilead diarsenate                                                      | 222-979-5 | 3687-31-8        | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                         | 19/12/2011 |
| Zirconia Aluminosilicate Refractory Ceramic Fibres                      | -         | -                | Carcinogenic (Article 57a)                                                              | 19/12/2011 |
| 1,2,3-trichloropropane                                                  | 202-486-1 | 96-18-4          | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                         | 20/06/2011 |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich    | 276-158-1 | 71888-89-6       | Toxic for reproduction (Article 57c)                                                    | 20/06/2011 |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 271-084-6 | 68515-42-4       | Toxic for reproduction (Article 57c)                                                    | 20/06/2011 |
| 1-Methyl-2-pyrrolidone (NMP)                                            | 212-828-1 | 872-50-4         | Toxic for reproduction (Article 57c)                                                    | 20/06/2011 |
| 2-ethoxyethyl acetate                                                   | 203-839-2 | 111-15-9         | Toxic for reproduction (Article 57c)                                                    | 20/06/2011 |
| Hydrazine                                                               | 206-114-9 | 302-01-2, 7803-5 | Carcinogenic (Article 57a)                                                              | 20/06/2011 |
| Strontium chromate                                                      | 232-142-6 | 7789-06-2        | Carcinogenic (Article 57a)                                                              | 20/06/2011 |
| 2-ethoxyethanol                                                         | 203-804-1 | 110-80-5         | Toxic for reproduction (Article 57c)                                                    | 15/12/2010 |
| 2-methoxyethanol                                                        | 203-713-7 | 109-86-4         | Toxic for reproduction (Article 57c)                                                    | 15/12/2010 |
| Acids generated from chromium trioxide and their oligomers              | -         | -                | Carcinogenic (Article 57a)                                                              | 15/12/2010 |
| Oligomers of chromic acid and dichromic acid                            | -         | -                | Carcinogenic (Article 57a)                                                              | 15/12/2010 |
| Dichromic acid                                                          | 236-881-5 | 7738-94-5        | Carcinogenic (Article 57a)                                                              | 15/12/2010 |
| Chromic acid                                                            | 231-801-5 | 13530-68-2       | Carcinogenic (Article 57a)                                                              | 15/12/2010 |
| Chromium trioxide                                                       | 215-607-8 | 1333-82-0        | Carcinogenic (Article 57a)#Mutagenic (Article 57b)                                      | 15/12/2010 |
| Cobalt(II) carbonate                                                    | 208-169-4 | 513-79-1         | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                         | 15/12/2010 |
| Cobalt(II) diacetate                                                    | 200-755-8 | 71-48-7          | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                         | 15/12/2010 |
| Cobalt(II) dinitrate                                                    | 233-402-1 | 10141-05-6       | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                         | 15/12/2010 |
| Cobalt(II) sulphate                                                     | 233-334-2 | 10124-43-3       | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                         | 15/12/2010 |
| Ammonium dichromate                                                     | 232-143-1 | 7789-09-5        | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c) | 18/06/2010 |
| Boric acid                                                              | -         | -                | Toxic for reproduction (Article 57c)                                                    | 18/06/2010 |
| Boric acid, crude natural                                               | 234-343-4 | 11113-50-1       | Toxic for reproduction (Article 57c)                                                    | 18/06/2010 |
| Boric acid                                                              | 233-139-2 | 10043-35-3       | Toxic for reproduction (Article 57c)                                                    | 18/06/2010 |
| Disodium tetraborate, anhydrous                                         | 215-540-4 | 12179-04-3, 1303 | Toxic for reproduction (Article 57c)                                                    | 18/06/2010 |
| Potassium chromate                                                      | 232-140-5 | 7789-00-6        | Carcinogenic (Article 57a)#Mutagenic (Article 57b)                                      | 18/06/2010 |
| Potassium dichromate                                                    | 231-906-6 | 7778-50-9        | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c) | 18/06/2010 |
| Sodium chromate                                                         | 231-889-5 | 7775-11-3        | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c) | 18/06/2010 |
| Tetraboron disodium heptaoxide, hydrate                                 | 235-541-3 | 12267-73-1       | Toxic for reproduction (Article 57c)                                                    | 18/06/2010 |
| Trichloroethylene                                                       | 201-167-4 | 79-01-6          | Carcinogenic (Article 57a)                                                              | 18/06/2010 |
| Acrylamide                                                              | 201-173-7 | 79-06-1          | Carcinogenic (Article 57a)#Mutagenic (Article 57b)                                      | 30/03/2010 |
| 2,4-dinitrotoluene                                                      | 204-450-0 | 121-14-2         | Carcinogenic (Article 57a)                                                              | 13/01/2010 |
| Anthracene oil                                                          | 292-602-7 | 90640-80-5       | Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)                         | 13/01/2010 |
| Anthracene oil, anthracene paste                                        | 292-603-2 | 90640-81-6       | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e) | 13/01/2010 |
| Anthracene oil, anthracene paste, anthracene fraction                   | 295-275-9 | 91995-15-2       | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e) | 13/01/2010 |
| Anthracene oil, anthracene paste, distr. lights                         | 295-278-5 | 91995-17-4       | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e) | 13/01/2010 |

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| Anthracene oil, anthracene-low                                                                                         | 292-604-8 | 90640-82-7            | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#vPvB (Article 57e)                                                                                                                                    | 13/01/2010 |
| Diisobutyl phthalate                                                                                                   | 201-553-2 | 84-69-5               | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)                                                                                                                        | 13/01/2010 |
| Lead chromate                                                                                                          | 231-846-0 | 7758-97-6             | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                                                                                                                                                            | 13/01/2010 |
| Lead chromate molybdate sulphate red (C.I. Pigment Red 104)                                                            | 235-759-9 | 12656-85-8            | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                                                                                                                                                            | 13/01/2010 |
| Lead sulfochromate yellow (C.I. Pigment Yellow 34)                                                                     | 215-693-7 | 1344-37-2             | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                                                                                                                                                            | 13/01/2010 |
| Pitch, coal tar, high-temp.                                                                                            | 266-028-2 | 65996-93-2            | Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)                                                                                                                                                            | 13/01/2010 |
| Tris(2-chloroethyl) phosphate                                                                                          | 204-118-5 | 115-96-8              | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 13/01/2010 |
| 4,4'- Diaminodiphenylmethane (MDA)                                                                                     | 202-974-4 | 101-77-9              | Carcinogenic (Article 57a)                                                                                                                                                                                                 | 28/10/2008 |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)                                                                     | 201-329-4 | 81-15-2               | vPvB (Article 57e)                                                                                                                                                                                                         | 28/10/2008 |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)                                                            | 287-476-5 | 85535-84-8            | PBT (Article 57d)#vPvB (Article 57e)                                                                                                                                                                                       | 28/10/2008 |
| Anthracene                                                                                                             | 204-371-1 | 120-12-7              | PBT (Article 57d)                                                                                                                                                                                                          | 28/10/2008 |
| Benzyl butyl phthalate (BBP)                                                                                           | 201-622-7 | 85-68-7               | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)                                                                                                                        | 28/10/2008 |
| Bis (2-ethylhexyl)phthalate (DEHP)                                                                                     | 204-211-0 | 117-81-7              | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - environment)#Endocrine disrupting properties (Article 57(f) - human health)                                                          | 28/10/2008 |
| Bis(tributyltin) oxide (TBTO)                                                                                          | 200-268-0 | 56-35-9               | PBT (Article 57d)                                                                                                                                                                                                          | 28/10/2008 |
| Cobalt dichloride                                                                                                      | 231-589-4 | 7646-79-9             | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                                                                                                                                                            | 28/10/2008 |
| Diarsenic pentaoxide                                                                                                   | 215-116-9 | 1303-28-2             | Carcinogenic (Article 57a)                                                                                                                                                                                                 | 28/10/2008 |
| Diarsenic trioxide                                                                                                     | 215-481-4 | 1327-53-3             | Carcinogenic (Article 57a)                                                                                                                                                                                                 | 28/10/2008 |
| Dibutyl phthalate (DBP)                                                                                                | 201-557-4 | 84-74-2               | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)                                                                                                                        | 28/10/2008 |
| Hexabromocyclododecane (HBCDD)                                                                                         | -         | -                     | PBT (Article 57d)                                                                                                                                                                                                          | 28/10/2008 |
| gamma-hexabromocyclododecane                                                                                           | -         | 134237-52-8           | PBT (Article 57d)                                                                                                                                                                                                          | 28/10/2008 |
| beta-hexabromocyclododecane                                                                                            | -         | 134237-51-7           | PBT (Article 57d)                                                                                                                                                                                                          | 28/10/2008 |
| Hexabromocyclododecane                                                                                                 | 247-148-4 | 25637-99-4            | PBT (Article 57d)                                                                                                                                                                                                          | 28/10/2008 |
| 1,2,5,6,9,10-hexabromocyclododecane                                                                                    | 221-695-9 | 3194-55-6             | PBT (Article 57d)                                                                                                                                                                                                          | 28/10/2008 |
| alpha-hexabromocyclododecane                                                                                           | -         | 134237-50-6           | PBT (Article 57d)                                                                                                                                                                                                          | 28/10/2008 |
| Lead hydrogen arsenate                                                                                                 | 232-064-2 | 7784-40-9             | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c)                                                                                                                                                            | 28/10/2008 |
| Sodium dichromate                                                                                                      | 234-190-3 | 10588-01-9, 7789-12-0 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)                                                                                                                                    | 28/10/2008 |
| Triethyl arsenate                                                                                                      | 427-700-2 | 15606-95-8            | Carcinogenic (Article 57a)                                                                                                                                                                                                 | 28/10/2008 |
| 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides                               | -         | -                     | Equivalent level of concern having probable serious effects to human health and the environment (Article 57f)                                                                                                              | 16/07/2019 |
| 2-methoxyethyl acetate                                                                                                 | 203-772-9 | 110-49-6              | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 16/07/2019 |
| 4-tert-butylphenol                                                                                                     | 202-679-0 | 98-54-4               | Endocrine disrupting properties (Article 57f)                                                                                                                                                                              | 16/07/2019 |
| Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) | -         | -                     | Endocrine disrupting properties (Article 57f)                                                                                                                                                                              | 16/07/2019 |
| Perfluorobutane sulfonic acid (PFBS) and its salts                                                                     | -         | -                     | Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)<br>Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) | 16/01/2020 |
| Diisohexyl phthalate                                                                                                   | 276-090-2 | 71850-09-4            | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 16/01/2020 |
| 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one                                                               | 400-600-6 | 71868-10-5            | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 16/01/2020 |
| 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone                                                                    | 404-360-3 | 119313-12-1           | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 16/01/2020 |
| Dibutylbis(pentane-2,4-dionato-O,O')tin                                                                                | 245-152-0 | 22673-19-4            | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 25/06/2020 |
| Butyl 4-hydroxybenzoate                                                                                                | 202-318-7 | 94-26-8               | Endocrine disrupting properties (Article 57(f) - human health)                                                                                                                                                             | 25/06/2020 |
| 2-methylimidazole                                                                                                      | 211-765-7 | 693-98-1              | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 25/06/2020 |
| 1-vinylimidazole                                                                                                       | 214-012-0 | 1072-63-5             | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 25/06/2020 |
| Diocetyl tin dilaurate                                                                                                 | 222-883-3 | 3648-18-8             | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 19/01/2021 |
| Stannane, dioctyl-, bis(coco acyloxy) derivs.                                                                          | 293-901-5 | 91648-39-4            | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 19/01/2021 |
| Bis(2-(2-methoxyethoxy)ethyl)ether                                                                                     | 205-594-7 | 143-24-8              | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 19/01/2021 |
| 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers                                                 | -         | -                     | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 08/07/2021 |
| Orthoboric acid, sodium salt                                                                                           | 237-560-2 | 13840-56-7            | Toxic for reproduction (Article 57c)                                                                                                                                                                                       | 08/07/2021 |

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| 2,2-bis(bromomethyl)propane1,3-diol (BMP);<br>2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA);<br>2,3-dibromo-1-propanol (2,3-DBPA)       | 221-967-7,<br>253-057-0,<br>202-480-9 | 3296-90-0,<br>36483-57-5,<br>1522-92-5,<br>96-13-9 | Carcinogenic (Article 57a)                                                                                                                                                                                                                                                                                                                                                         | 08/07/2021 |
| Glutaral                                                                                                                                                                               | 203-856-5                             | 111-30-8                                           | Respiratory sensitising properties (Article 57f - human health)                                                                                                                                                                                                                                                                                                                    | 08/07/2021 |
| Medium-chain chlorinated paraffins (MCCP)<br>(UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17) | -                                     | -                                                  | PBT (Article 57d)<br>vPvB (Article 57e)                                                                                                                                                                                                                                                                                                                                            | 08/07/2021 |
| Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)    | -                                     | -                                                  | Toxic for reproduction (Article 57c)<br>Endocrine disrupting properties (Article 57f - human health and environment)                                                                                                                                                                                                                                                               | 08/07/2021 |
| 1,4-dioxane                                                                                                                                                                            | 204-661-8                             | 123-91-1                                           | Carcinogenic (Article 57a)<br>Equivalent level of concern having probable serious effects to the environment (Article 57f -environment)<br>Equivalent level of concern having probable serious effects to human health (Article 57f –human health)                                                                                                                                 | 08/07/2021 |
| 4,4'-(1-methylpropylidene)bisphenol                                                                                                                                                    | 201-025-1                             | 77-40-7                                            | Endocrine disrupting properties (Article 57f - human health and environment)                                                                                                                                                                                                                                                                                                       | 08/07/2021 |
| tris(2-methoxyethoxy)vinylsilane                                                                                                                                                       | 213-934-0                             | 1067-53-4                                          | Toxic for reproduction (Article 57c)                                                                                                                                                                                                                                                                                                                                               | 17/01/2022 |
| 5-(tricyclo[5.2.1.0 <sup>2,6</sup> ]deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate                                                                  | 401-850-9                             | 255881-94-8                                        | PBT (Article 57d)                                                                                                                                                                                                                                                                                                                                                                  | 17/01/2022 |
| 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol                                                                                                                                           | 204-327-1                             | 119-47-1                                           | Toxic for reproduction (Article 57c)                                                                                                                                                                                                                                                                                                                                               | 17/01/2022 |
| (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)                                 | -                                     | -                                                  | Endocrine disrupting properties (Article 57(f) - human health)                                                                                                                                                                                                                                                                                                                     | 17/01/2022 |
| N-(hydroxymethyl)acrylamide                                                                                                                                                            | 213-103-2                             | 924-42-5                                           | Carcinogenic (Article 57a)<br>Mutagenic (Article 57b)                                                                                                                                                                                                                                                                                                                              | 10/06/2022 |
| 1,1'-[ethane-1,2-diylbisoxyl]bis[2,4,6-tribromobenzene]                                                                                                                                | 253-692-3                             | 37853-59-1                                         | Very persistent and very bioaccumulative (REACH Article 57 e)                                                                                                                                                                                                                                                                                                                      | 17/01/2023 |
| 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol                                                                                                                                       | 201-236-9                             | 79-94-7                                            | Carcinogenic (Article 57 a)                                                                                                                                                                                                                                                                                                                                                        | 17/01/2023 |
| 4,4'-sulphonyldiphenol                                                                                                                                                                 | 201-250-5                             | 80-09-1                                            | Toxic for reproduction (Article 57 c); Endocrine disrupting properties (Article 57 f – environment); Endocrine disrupting properties (Article 57 f – human health)                                                                                                                                                                                                                 | 17/01/2023 |
| Barium diboron tetraoxide                                                                                                                                                              | 237-222-4                             | 13701-59-2                                         | Toxic for reproduction (Article 57 c)                                                                                                                                                                                                                                                                                                                                              | 17/01/2023 |
| Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof                                                                               | -                                     | -                                                  | Very persistent and very bioaccumulative (Article 57 e)                                                                                                                                                                                                                                                                                                                            | 17/01/2023 |
| Isobutyl 4-hydroxybenzoate                                                                                                                                                             | 224-208-8                             | 4247-02-3                                          | Endocrine disrupting properties (Article 57 f – human health)                                                                                                                                                                                                                                                                                                                      | 17/01/2023 |
| Melamine                                                                                                                                                                               | 203-615-4                             | 108-78-1                                           | Equivalent level of concern having probable serious effects to human health (Article 57 f – human health);<br>Equivalent level of concern having probable serious effects to the environment (Article 57 f – environment)                                                                                                                                                          | 17/01/2023 |
| Perfluoroheptanoic acid and its salts                                                                                                                                                  | -                                     | -                                                  | Toxic for reproduction (Article 57 c); Persistent, bioaccumulative and toxic (Article 57 d);<br>Very persistent and very bioaccumulative (Article 57 e); Equivalent level of concern having probable serious effects to human health (Article 57 f – human health);<br>Equivalent level of concern having probable serious effects to the environment (Article 57 f – environment) | 17/01/2023 |
| reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine                          | 473-390-7                             | -                                                  | Very persistent and very bioaccumulative (Article 57 e)                                                                                                                                                                                                                                                                                                                            | 17/01/2023 |
| diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide                                                                                                                                        | 278-355-8                             | 75980-60-8                                         | Toxic for reproduction (Article 57c)                                                                                                                                                                                                                                                                                                                                               | 14/06/2023 |
| bis(4-chlorophenyl) sulphone                                                                                                                                                           | 201-247-9                             | 80-07-9                                            | vPvB (Article 57e)                                                                                                                                                                                                                                                                                                                                                                 | 14/06/2023 |
| Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol                                                                                                         | 700-960-7                             | -                                                  | vPvB (Article 57e)                                                                                                                                                                                                                                                                                                                                                                 | 23/01/2024 |
| Bumetrizole (UV-326)                                                                                                                                                                   | 223-445-4                             | 3896-11-5                                          | vPvB (Article 57e)                                                                                                                                                                                                                                                                                                                                                                 | 23/01/2024 |
| 2-(dimethylamino)-2-[[[4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one                                                                                                  | 438-340-0                             | 119344-86-4                                        | Toxic for reproduction (Article 57c)                                                                                                                                                                                                                                                                                                                                               | 23/01/2024 |
| 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)                                                                                                                   | 221-573-5                             | 3147-75-9                                          | vPvB (Article 57e)                                                                                                                                                                                                                                                                                                                                                                 | 23/01/2024 |
| 2,4,6-tri-tert-butylphenol                                                                                                                                                             | 211-989-5                             | 732-26-3                                           | Toxic for reproduction (Article 57c)<br>PBT (Article 57d)                                                                                                                                                                                                                                                                                                                          | 23/01/2024 |

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| Bis( $\alpha,\alpha$ -dimethylbenzyl) peroxide                                                                                                                                                                                                                                                   | 201-279-3 | 80-43-3      | Toxic for reproduction (Article 57c)                                      | 27/06/2024 |
| Triphenyl phosphate                                                                                                                                                                                                                                                                              | 204-112-2 | 115-86-6     | Endocrine disrupting properties (Article 57(f) - environment)             | 07/11/2024 |
| 6-([(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl])hexanoic acid                                                                                                                                                                                                              | 701-118-1 | 2156592-54-8 | Toxic for reproduction (Article 57c)                                      | 21/01/2025 |
| O,O,O-triphenyl phosphorothioate                                                                                                                                                                                                                                                                 | 209-909-9 | 597-82-0     | PBT (Article 57d)                                                         | 21/01/2025 |
| Octamethyltrisiloxane                                                                                                                                                                                                                                                                            | 203-497-4 | 107-51-7     | vPvB (Article 57e)                                                        | 21/01/2025 |
| Perfluamine                                                                                                                                                                                                                                                                                      | 206-420-2 | 338-83-0     | vPvB (Article 57e)                                                        | 21/01/2025 |
| reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives                                                                                                                                                                                                               | 421-820-9 | 192268-65-8  | vPvB (Article 57d)                                                        | 21/01/2025 |
| 1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane                                                                                                                                                                                                                                     | 241-867-7 | 17928-28-8   | vPvB (Article 57e)                                                        | 25/06/2025 |
| Decamethyltetrasiloxane                                                                                                                                                                                                                                                                          | 205-491-7 | 141-62-8     | vPvB (Article 57e)                                                        | 25/06/2025 |
| tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-{4-chloro-6-[(2-[(4-fluoro-6-[(4-(vinylsulfonyl)phenyl]amino)-1,3,5-triazine-2-yl]amino]propyl]amino)-1,3,5-triazine-2-yl]amino)-5-sulfonato-1-naphthyl]diazeryl]-5-methoxyphenyl]diazeryl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51) | 466-490-7 | -            | Toxic for reproduction (Article 57c)                                      | 25/06/2025 |
| 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene]                                                                                                                                                                                                                                                     | 284-366-9 | 84852-53-9   | Very Persistent and Very Bioaccumulative (vPvB) under REACH Article 57(e) | 05/11/2025 |