

# VELUX RESTRICTED SUBSTANCE MANAGEMENT STANDARD (VRSMS)

1 December 2019

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## INTRODUCTION

The VELUX Group has issued this VRSMS Standard to help ensure that we, and customers using our parts and components, fully meet applicable legal, moral and customer standards regarding chemicals and materials used in our and their products. The Standard seeks to inform you, as a Supplier to the VELUX Group, of the chemicals and materials which we must exclude from our products altogether, and the threshold values we have regarding certain other chemicals or materials.

The VRSMS Standard took effect on 1 October 2018. We will clarify or modify the Standard periodically to seek to be consistent with the most current updates on applicable standards and legislation, changes in law or other customer requirements. However, it is ultimately the responsibility of the individual Supplier to ensure that Supplier follows the latest applicable laws concerning product content as well as the requirements of the Standard. If Supplier is currently supplying us with materials that contain substances restricted by the Standard, or amounts of substances that exceed threshold values specified herein, please notify your Supply Chain representative as soon as possible.

Suppliers who cannot provide verification of compliance with the VRSMS Standard or who do not indicate that they have an effective plan in place to meet the Standard promptly, are subject to actions from the VELUX Group to rectify the issue, up to and including the termination of the business relationship. The VELUX Group expects that the statements made by Supplier will be based on good faith, expert judgment and/or testing that Supplier is already doing or has done. For certain materials, the VELUX Group may determine that all or specific Suppliers will need to perform and send us the results of periodic tests on product content. The VELUX Group will contact Supplier if and when such requirements may be needed. To fulfil the EU legislation EC 1907/2006 "REACH", Supplier is required to send information on articles containing substances with values over 0.1% of Substances of Very High Concern (SVHC), stating the name of the SVHC and its safe use, to the VELUX location(s) to which the article(s) is(are) delivered.

This Standard includes, among others, the requirements in the RoHS II directive (65/2011/EU). In order to fulfil the requirements in the RoHS II directive Suppliers must review their compliance with the RoHS II directive every second year. The Supply Chain representative should be informed if there have been any changes in the RoHS II compliance for any items supplied to the VELUX Group. There are some exceptions in the RoHS II directive; some applications are exempted for specific RoHS II substances. If Supplier uses any of the RoHS exceptions in items supplied to the VELUX Group, Supply Chain representative should be informed.

If Supplier has any questions regarding the VRSMS Standard, please contact your Supply Chain representative.

## 1. SCOPE

The VRSMS Standard gives requirements related to environmental health and safety for substances, materials and products supplied to the VELUX Group. It includes references to European and national legislation as well as requirements necessary to meet internal standards and customer specifications (market requirements).

The purpose of the VRSMS Standard is to inform a Supplier to the VELUX Group of restrictions pertaining to certain substances. By regulation or by VELUX direction, these substances must be restricted in or excluded from components, materials, equipment, machinery and/or tooling, hereinafter referred to as "product(s), supplied to and/or manufactured by the VELUX Group or intended for use in VELUX products". The Standard supplements, but does not supersede, the responsibility of the individual Supplier to comply with laws and regulations governing the receiving VELUX location(s). It is the duty of all Suppliers of products to the VELUX Group to comply with the Standard. The Standard is not a definitive statement of European and national legislation, and cannot be relied upon as such. In addition to the Standard, the individual Supplier is responsible for ensuring compliance with any legislation that may affect Supplier or Supplier's product.

## 2. APPLICATION

The VRSMS Standard applies to all chemicals and all consumable processing materials, raw materials, finished materials, components and articles that are supplied to the VELUX Group. The requirements apply to any Supplier supplying any VELUX location(s) in Europe.

## 3. REQUIREMENTS

The primary intent of the VRSMS Standard is to control restricted substances within formed articles or within materials such as minerals or powders that the VELUX Group will incorporate into formed articles. However, it should be noted that any materials which are intrinsically hazardous, or which form or release hazardous substances during use, recycling or disposal, are also subject to these requirements. Approval according to these requirements must be completed before supply of product to the VELUX Group.

On request of the VELUX Group, it may be necessary for Supplier to divulge, in confidence, detailed information on the composition, toxicity and health and safety of Supplier's products.

### 3.1 ALL PRODUCTS

3.1.1 In addition to information required for compliance to the VRSMS Standard, Supplier must provide the composition (chemical identity of each constituent and its proportion by weight) of products supplied or proposed to be supplied and all data/guidance on TOXICITY, HEALTH, SAFETY and DANGEROUS GOODS TRANSPORTATION to the requesting VELUX location(s). Before making any change to the composition or hazard labelling of such products, Supplier must request approval from the appropriate VELUX location(s).

3.1.2 On request, Supplier must disclose information on assessment of disposal or effluent treatment if product constituents are anticipated to be released into AIR, WATER or SOIL, or require special declaration or control.

### 3.2 SUBSTANCE RESTRICTIONS

3.2.1 Substance Restrictions are identified in Appendix 4 by CAS no., substance, category (type of restriction), legislation, chemical classification, threshold value (where applicable), effective date and applications affected/exempted. Please see below for explanations of the different technical terms used in Appendix 4.

**CAS no.:** Chemical identification number.

**Substance:** Name of substance.

**Category (type of restriction):**

- 1) Banned – in legal contexts: do not use
- 2) Prohibited – in contexts applying to the VELUX Group: do not use
- 3) Restricted – use but with restrictions
- 4) Voluntary – voluntary restrictions, for instance Fairtrade Agreements, market requirements, sustainable material sources

**Legislation:** Name of legislation, where the substance is regulated.

**Chemical classification:** C: carcinogenic, M: mutagenic, R: reprotoxic, E: endocrine disruptor, A: allergen, Te: teratogenic, I: irritant, P: persistent, vP: very persistent, B: bioaccumulative, vB: very bioaccumulative, T: toxic, N: dangerous for the environment, F: flammable, Fx: extremely flammable, Xn: harmful, Ss: skin sensitising, Sr: respiratory sensitising

**Threshold value:** The specific threshold value for the substance in the given legislation.

**Effective date:** The date from when the substance restrictions apply.

**Application:** The material in which the substance is most frequently used, or the specific material that is governed by a specific legislation, for instance the Packaging Directive applies to packaging materials.

3.2.2 Substances designated as "Banned" (1) or "Prohibited" (2) must not be part of any products, subject to the stated directions on content threshold values and affected applications.

3.2.3 It is Supplier's responsibility to identify all affected substances – some of which may not be specifically identified in appendix 2 or appendix 4 of the VRSMS Standard, but referred to in other sources/lists.

3.2.4 The VRSMS Standard identifies substances and applications that are currently restricted, as well as some that will become restricted at a specific future date. Supplier should ensure compliance with these future restrictions on substances by looking up the dates shown in Appendix 4 of the Standard.

## 4. GENERAL INFORMATION

4.1 Definitions for technical terms are provided in Appendix 1.

4.2 Relevant European and national legislation is provided in Appendix 2.

4.3 Link to the REACH Candidate List of Substances of Very High Concern is provided in Appendix 3.

4.4 VELUX Restricted Substances List is provided in Appendix 4.

## APPENDIX 1

### DEFINITIONS

**ARTICLE:** Definition provided by REACH Regulation (EC 1907/2006):

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.

**HOMOGENOUS MATERIAL:**

**Physical homogeneity:** the quality of having all properties independent of the position.

**Compositional homogeneity:** the chemical composition is the same for all substances forming or being an ingredient of the material (for instance impurities) at any point of measurement.

The opposite, an **inhomogeneous material**, is composed in a way that the amount of the chemical ingredients is dependent on the point of measurement.

**MATERIAL:** The primary medium that may contain a "substance" which is restricted by this Standard. Acceptable material descriptions are Industry standards or VELUX standards/specifications. When these are not available for definition of the material, a Supplier's standards/specifications may be used.

**MATERIAL, DIMENSIONAL:**

Items having their own shape and, in general, being solid. Most items are considered to be "articles" (see definition of "Article").

**MATERIAL, NON-DIMENSIONAL:**

Items having no intrinsic shape with no containing structure. Examples of these items are fluids, gases, powders and semi-solids (pastes) like adhesives and greases.

**PRODUCT(S):**

Entity supplied to the VELUX Group. It can be an assembly, part (component), sub-component, material, or substance and could include the restricted substance itself (for instance lead sulphide), a material containing the restricted substance (for instance a friction material containing lead sulphide), or a component or assembly containing the restricted substance (for instance a brake assembly with a lead-containing friction material).

**SUBSTANCE:** Definition provided by REACH Regulation (1907/2006/EC):

A chemical element and its compounds in the natural state or obtained by any manufacturing process, including any additive necessary to preserve its stability and any impurity deriving from the process used, but excluding any solvent which may be separated without affecting the stability of the substance or changing its composition.

## APPENDIX 2

### RELEVANT EUROPEAN AND NATIONAL LEGISLATION

Examples of European and national legislation that are relevant to these requirements are indicated below. These lists are not comprehensive and do not necessarily represent the updated legislation by way of amendments or supplement. It is Supplier's responsibility to avail him- or herself of these and other pertinent regulations from the appropriate regulatory authority, when relevant to his or her product.

a) **EUROPEAN AND NATIONAL**

1. REACH Registration, Evaluation and Authorisation of Chemicals (REACH) European Union (1907/2006/EC) (annex XIV, annex XVII and candidate list)
2. Restrictions of Hazardous Substances (RoHS) European Union (65/2011/EU)
3. Battery Directive (2006/66/EC)
4. Packaging and Packaging Waste Directive (EU) 2018/852 + (94/62/EC)
5. Biocidal Product Regulation (528/2012/EU)
6. Substances that deplete the ozone layer Regulation (1005/2009/EC)
7. Persistent Organic Pollutants Regulation (2019/2021/EU)

## APPENDIX 3

### REACH - SUBSTANCES OF VERY HIGH CONCERN (SVHC)

Candidate List of Substances of Very High Concern for Authorisation Link: <https://echa.europa.eu/candidate-list-table>  
(published in accordance with Article 59(10) of the REACH Regulation)

**Notes:**

- ▣ **Authentic version:** Only the Candidate List published on this website is deemed authentic. Companies may have immediate legal obligations to follow the inclusion of a substance in the Candidate List on this website.
- ▣ **EC number, CAS number:** The EC number includes both anhydrous and hydrated forms of a substance and consequently the entries cover both forms. The CAS number included may apply to the anhydrous form only, and therefore the CAS number shown does not always describe the entry accurately.

APPENDIX 4

Material/Chemical substance group	CAS no	Category	Legislation	Chemical classification	Threshold value	Effective date	Application
<b>Heavy metals</b>							
<b>Cadmium and its compounds</b>	7440-43-9	3	REACH, annex XVII	PBT, C	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium	7440-43-9	3	RoHS II	PBT, C	0,01%	22.07.2019	
Cadmium	7440-43-9	3	Battery Directive	PBT, C	0,002%	26.09.2009	Batteries
Cadmium	7440-43-9	3	Packaging Directive	PBT, C	100 ppm	30.06.1996	Packaging
Cadmium	7440-43-9	3	REACH, candidate list	PBT, C	0,1%	20.06.2013	
Cadmium	7440-43-9	4	Red list (US)	PBT, C	1,0%	June 2014	
Cadmium	7440-43-9	3	REACH, annex XVII	CMR	0,001% in plastic material (recovered PVC is excepted)	18.09.2012	
Cadmium epoxystyreneacrylate	76264-48-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium toluate	274-27-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
[N,N'-ethylenebis(glycinato)](D)-N,N',D,O'-cadmium	29977-13-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium isooctanoate	30304-32-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium dodecylbenzenesulphonate	31057-44-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium [1,1-dimethylethyl]benzate	31215-94-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium [R,R'] tartrate	34100-40-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium didocosanoate	34303-23-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium 3,5,5-trimethylhexanoate	36211-44-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium(2+)(R)-12-hydroxyoctadecanoate	38517-19-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Potassium [N,N-bis(carboxymethyl)glycinato(3-N,O,O',O'')cadmate(1-)]	49784-42-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Bis[N,N-bis(carboxymethyl)glycinato(3-)]tricadmium	50649-02-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Boric acid, cadmium salt	51222-60-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium toluate	52337-78-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium bis(4-cyclohexylbutyrate)	55700-14-6	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium divalerate	56982-42-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium sulfosalicylate red	58339-34-7	3	REACH, annex XVII	S, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Naphthenic acids, cadmium salts	61789-34-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium neodecanoate	61951-96-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium bis(hyptadecanoate)	62149-56-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium pentadecanoate	63400-09-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
(S)-dichloro(2-[[[2,3-dihydroxypropoxy]hydroxyphosphinyloxy]triethylmethylammoniumato])cadmium	64681-08-9	3	REACH, annex XVII	CMR	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Bis(propene-1,2-diyldiamine N,N')cadmium(2-)[bis(bis(yano-C)urate(1-))]	67906-19-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium dinitrate	67939-62-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Tetrapotassium[[nitritotris(methylene)tris(phosphonato)](6-1,N,O,O',O'')cadmate(6-)]	67989-93-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium m-toluate	68092-45-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Fatty acids, C10-18, cadmium salts	68111-58-89	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Fatty acids, C12-18, cadmium salts	68111-59-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Benzyltriphenylphosphonium tetrachloroaluminate	68214-25-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Pentapotassium hydrogen [[[(ethylenbis)nitritobis(methylene)tris(phosphonato)](9-1,N,O,O',O'')cadmate(6-)]]	68309-98-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium sulfide (CdS), solid soln. with zinc sulfide, copper and lead-doped	68332-81-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Fatty acids, C14-18, cadmium salts	68409-82-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium, benzoate p-tert-butylbenzoate complexes	68478-53-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Pyrochloro, bimuth cadmium ruthenium	68479-13-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium sulfide (CdS), solid soln. with zinc sulfide, aluminium and cobalt and copper and silver-doped	68784-10-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Barium cadmium calcium chloride fluoride phosphates, antimony and manganese-doped	68784-55-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Fatty acids, tall oil, cadmium salts	68855-80-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Fatty acids, C8-18 and C18-unsatd., cadmium salts	68876-84-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium sulfide (CdS), aluminium and copper-doped	68876-98-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium sulfide (CdS), aluminium and silver-doped	68876-99-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium sulfide (CdS), copper chloride-doped	68877-00-9	3	REACH, annex XVII	C	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium sulfide (CdS), silver chloride-doped	68877-01-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Cadmium sulfide (CdS), copper and lead-doped	68891-87-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	
Fatty acids, tallow, hydrogenated, cadmium salts	68953-39-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016	

Resin acids and resin acids, cadmium salts	6896-81-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Hydrogen H-[5-chloro-4-methyl-2-sulphophenylazo)-3-hydroxy-naphthalene-2-carboxylato(3-)]cadmate(-)	68996-97-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium, dross	69011-69-4	3	REACH, annex XVII	C	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Waterwater, cadmium sulfate electrolytic, acid	69012-21-1	3	REACH, annex XVII	CMR, S1, S3	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Flue dust, cadmium-refining	69012-57-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Calcines, cadmium residue	69029-70-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Leach residues, cadmium-refining	69029-70-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Residues, cadmium-refining	69029-77-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Slimes and sludges, cadmium-refining, oxidized	69029-90-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Slimes and sludges, cadmium sump tank	69029-91-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium(2+) 12-hydroxyoctadecanoate	69121-20-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium potassium 5-(hydroxyethylidene)bisphosphonate (1,2,1)		3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, C12-18, barium cadmium salts	70884-75-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenide (CdSe), solid soln. with cadmium sulfide	71243-75-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
(R)-12-hydroxyoleic acid, barium cadmium salt	71411-66-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Tetra- $\mu$ -chlorodichlorobis(2-[(2,3-dihydroxypropoxy)hydroxyphosphoryl]oxy)tris(methylammonium)triacadmium, stereoisomer	71961-27-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, coco, cadmium salts	72869-63-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Zircon, cadmium yellow	72968-34-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium isononanoate	84696-56-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium iso-octadecanoate	84878-36-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium tert-decanoate	84878-37-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(oxyphenolate)	84878-48-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(oxyphenolate)	84878-51-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Flue dust, lead-manufg., cadmium-rich	85117-02-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Waste solids, cadmium electrolysis, thallium-rich	85117-20-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, C9-11 branched, cadmium salts	85386-15-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Bis(5-oxo-L-prolinate-N1,O2)cadmium	85958-86-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Bis(5-oxo-DL-prolinate-N1,O2)cadmium	85994-31-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Benzenesulfonic acid, mono-C-10-13-alkyl deriv., cadmium salts	90194-35-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Benzoic acid, cadmium salt, basic	90218-85-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Decanoic acid, branched, cadmium salts	90340-19-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Hexanoic acid, 2-ethyl-, cadmium salt, basic	90411-62-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Propanoic acid, cadmium salt, basic	92510-31-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium zinc lithopone yellow	95604-89-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium lithopone yellow	95604-90-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Leach residues, cadmium cake	91053-44-0	3	REACH, annex XVII	C	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Leach residues, zinc ore calcine, cadmium-copper ppt.	91053-46-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, castor-oil, hydrogenated, cadmium salts	91697-35-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, C8-10 branched, cadmium salts	92257-06-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Leach residues, zinc refining flue dust, cadmium-thallium ppt.	92257-11-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, C9-11-neo-, cadmium salts	92704-12-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, olive-oil, cadmium salts	92704-15-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, peanut-oil, cadmium salts	92704-19-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, rape-oil, cadmium salts	92704-24-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Fatty acids, C14-18 and C18-unsatd., branched and linear, hydrogenated, cadmium salts	92797-28-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Nonanoic acid, branched, cadmium salt	93686-40-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Carbonic acid, cadmium salt	93820-02-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Bis(2-ethylhexyl) mercaptoacetato O',S)cadmium	93858-50-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016

Cadmium bis(o-nonylphenolate)	93894-07-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(p-nonylphenolate)	93894-08-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(p-1,1,3,3-tetramethylbutylphenolate)	93894-09-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium (2) heptadec-9-enoate	93894-10-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium isodecanoate	93965-24-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(oundecanoate)	93965-30-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium dimethylhexanoate	93983-65-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium tetrapentyl bis(phosphate)	94232-49-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium isooctyl phthalate (1:2:1)	94247-16-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium (D-ethylhexyl) phthalate (1:2:2)	94275-94-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Leach residues, cadmium contg. flue dust	94551-70-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium trisheptadecanoate	95892-12-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium diisobutyl dimaleate	97259-82-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Zircon, cadmium orange	99749-34-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium chloride phosphate (Cd5Cl10P4O3), manganese-doped	100402-53-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Flue dust, copper-lead blast furnace, cadmium-indium-enriched	100656-55-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Dodecanoic acid, cadmium salt, basic	101012-89-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Octadecanoic acid, cadmium salt, basic	101012-93-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Octadecanoic acid, 12-hydroxy-, cadmium salt, basic	101012-94-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium oxide (CdO), solid soln. with calcium oxide and titanium oxide (TiO2), praseodymium-doped	101356-99-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, aluminium and copper-doped	101357-0-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, copper and manganese-doped	101357-01-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, europium-doped	101357-02-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, gold and manganese-doped	101357-03-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, manganese and silver-doped	101357-04-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium oxide (CdO), solid soln. With magnesium oxide, tungsten oxide (WO3) and zinc oxide	102110-30-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Silicic acid, zirconium salt, cadmium pigment-encapsulated	102184-95-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
CADMIUM ACETATE, DIHYDRATE	5743-04-4	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium sulphate hydrate (3:8)	7790-84-3	3	REACH, annex XVII	CMR	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium (II) chloride monohydrate	35668-65-2	3	REACH, annex XVII	CMR	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium perchlorate hexahydrate	10326-28-0	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium chloride hydrate	654054-66-7	3	REACH, annex XVII	CMR	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium chloride, hydrate(2:5)	7790-78-5	3	REACH, annex XVII	CMR	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium azirconium trioxide	12139-23-0	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Pentacadmium chloridetriphosphate	12185-64-7	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Di-cadmium niobate	12187-14-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Di-cadmium selenide sulphide	12214-12-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium ditantalum hexaoxide	12292-07-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium zinc sulphide	12442-27-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenide sulfide	12626-36-7	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium sulfoselenide orange	12656-57-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Tricadmium bis(phosphate)	13477-17-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium silicate	13477-19-5	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium sulphite	13477-23-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Diboron tricadmium hexaoxide	13701-66-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Di-cadmium hexakis(cyano-C)ferate(4)	13755-33-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenite	13814-59-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenate	13814-62-5	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0,1% in painted articles	16.02.2016

Cadmium dithiocarbamate	13832-25-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium orthophosphate	13847-17-1	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium molybdenum tetraoxide	13972-68-4	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium disulphamate	14027-36-8	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium hydrogen phosphate	14067-62-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(dimethylthiocarbamate)	14239-68-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium chromate	14312-00-6	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium dipotassium tetracyanide	14402-75-6	3	REACH, annex XVII	T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium tetrafluoroborate	14486-19-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Bis(dimethylthiocarbamato-5,5')cadmium	14566-86-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Bis(pentane-2,4-dionato-O,O')cadmium	14689-45-3	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Tri(ethylene diamine)cadmium dihydroxide	14874-24-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium dicosanoate	14923-81-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(gem-dimethyl-1-carboxylatoate)	14949-59-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Bis(dimethylthiocarbamato-5,5')cadmium	14949-60-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Lauric acid, barium cadmium salt	15387-60-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Diodium tetrakis(oxano-C)cadmate(2-)	15682-87-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Dipotassium [N,N'-ethylenebis(N-carboxymethylglycinate)](4-N,N',O,O',O,N)cadmate(2-)	15708-29-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium acrylate	15743-19-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium succinate	161-00-4	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Dimethylcadmium	506-82-1	3	REACH, annex XVII	N, T, F	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium carbonate	513-78-0	3	REACH, annex XVII	C, M	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium cyanide	542-83-6	3	REACH, annex XVII	C	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium diacetate	543-90-8	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium oxalate	814-88-0	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium dithiocyanate	865-38-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Barium cadmium tetrastearate	1193-79-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium selenide	1306-24-7	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium telluride	1306-25-8	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium di(octanoate)	2191-10-8	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium distearate	2223-93-0	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium p-toluate	2420-97-5	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(2-ethylhexanoate)	2420-98-6	3	REACH, annex XVII	CMR	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium dilaurate	2605-44-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium didecanoate	2847-16-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bis(benzoate)	3026-22-0	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium 4-(1,1-dimethylethyl)benzoate	4167-056-9	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium oinnamate	4390-97-0	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium diformate	4466-23-7	3	REACH, annex XVII	C	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium sebacate	4476-04-4	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium nonan-1-olate	5112-16-3	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium dipalmitate	6427-86-7	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium dianthranoate	7058-55-1	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium bromide	7789-42-6	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium iodide	7790-80-9	3	REACH, annex XVII	C	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium iodate	7790-81-0	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium dihydrate	7790-83-2	3	REACH, annex XVII		0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016
Cadmium wolframate	7790-85-4	3	REACH, annex XVII	N, T	0,01% in plastic materials (recovered PVC is excepted) and brazing fillers, 0,1% in painted articles	16.02.2016



Cadmium zinc sulfide yellow	05-07-8048	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium myristate	10186-67-5	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium diolate	10468-30-1	3	REACH, annex XVII	N, T	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium selenide sulphide	11112-63-3	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium titanium trioxide	12014-14-1	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Tricadmium diphosphide	12014-28-7	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Antimony, compound with cadmium (2:3)	12014-29-8	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium compounds		3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium tellurium trioxide	15851-44-2	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium tellurium tetraoxide	15852-14-9	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium diacetate	16039-55-7	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium divanadium hexoxide	16056-72-7	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
S-oxo-L-proline, cadmium salt	16105-06-9	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium propionate	16986-83-7	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium hexafluoroarsenate(2-)	17010-21-8	3	REACH, annex XVII	C, N, T	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Bis(2-ethylhexylamino)cadmium(2+)-bis(2-cyanoaurate(1-))	18974-20-4	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium diphenolate	18991-05-4	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium bis(pentylthiocarbamate)	19010-65-2	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium disulfate	19010-79-8	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium methacrylate	24345-60-6	3	REACH, annex XVII		0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium selenide	1306-23-6	3	REACH, candidate list	C	0.1%	16.12.2013	
Cadmium sulphide	1306-23-6	3	REACH, annex XVII	CMR	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium oxide	1306-19-0	3	REACH, candidate list	C	0.1%	20.06.2013	
Cadmium oxide	1306-19-0	3	REACH, annex XVII	CMR	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium chloride	10108-64-2	3	REACH, candidate list	CMR	0.1%	16.06.2014	
Cadmium chloride	10108-64-2	3	REACH, annex XVII	CMR	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium fluoride	7790-79-6	3	REACH, candidate list	CMR	0.1%	17.12.2014	
Cadmium fluoride	7790-79-6	3	REACH, annex XVII	CMR	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium sulphate	10124-36-4; 3111	3	REACH, candidate list	CMR	0.1%	17.12.2014	
Cadmium sulphate	10124-36-4; 3111	3	REACH, annex XVII	CMR	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium carbonate	513-78-0	3	REACH, candidate list	C, M	0.1%	15.01.2018	
Cadmium hydroxide	21041-95-02	3	REACH, candidate list	C, M	0.1%	15.01.2018	
Cadmium hydroxide	21041-95-02	3	REACH, annex XVII	C, M	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
Cadmium nitrate	10022-68-1; 1032	3	REACH, candidate list	C, M	0.1%	15.01.2018	
Cadmium nitrate	10022-68-1; 1032	3	REACH, annex XVII	CMR	0.01% in plastic materials (recovered PVC is exempted) and brazing fillers, 0.1% in painted articles	16.02.2016	
<b>Mercury and it's compounds</b>							
Mercury	7439-97-6	3	RoHS II	PBT	0.1%	22.07.2019	
Mercury	7439-97-6	3	Battery Directive	PBT	0.0001%	26.09.2009	Batteries
Mercury	7439-97-6	3	RoHS Directive	PBT	100 ppm	30.06.1996	Packaging
Mercury	7439-97-6	4	Red list (US)	PBT	LOW	June 2014	
Mercury compounds		3	REACH, annex XVII		Banned in wood preservation	09.10.2017	
Phenylmercury acetate	62-38-4	3	REACH, annex XVII	T	0.01%	10.10.2017	
Phenylmercury propionate	103-27-5	3	REACH, annex XVII	T	0.01%	10.10.2017	
Phenylmercury xanthobenzoate	13302-00-6	3	REACH, annex XVII	T	0.01%	10.10.2017	
Phenylmercury octanoate	13864-38-5	3	REACH, annex XVII	T	0.01%	10.10.2017	
Phenylmercury neodecanoate	26545-49-3	3	REACH, annex XVII	T	0.01%	10.10.2017	
<b>Lead and it's compounds</b>							
Lead	7439-92-1	3	RoHS II	PBT	0.1%	22.07.2019	
Lead	7439-92-1	3	Battery Directive	PBT	0.004%	26.09.2009	Batteries
Lead	7439-92-1	3	RoHS Directive	PBT	100 ppm	30.06.1996	Packaging
Lead	7439-92-1	3	Executive Order prohibiting	PBT	100 ppm	June 2014	Furniture
Lead (addict)	7439-92-1	4	Red list (US)	PBT	0.1%	27.06.2018	
Lead chromate	7758-97-6	1	REACH, annex XV	C, R	Banned in EU - authorization needed	21.05.2015	
Lead chromate	7758-97-6	1	REACH, candidate list	C, R	0.1%	13.01.2010	
Lead chromate molybdate sulphate red	1265-85-8	1	REACH, annex XV	C, R	Banned in EU - authorization needed	21.05.2015	
Lead chromate molybdate sulphate red	1265-85-8	1	REACH, candidate list	C, R	0.1%	13.01.2010	
Lead hydrogen arsenate	7784-40-9	3	REACH, candidate list	C, R	0.1%	28.10.2008	
Lead sulfonchromate yellow	1344-37-2	1	REACH, annex XV	C, R	Banned in EU - authorization needed	21.05.2015	
Lead sulfonchromate yellow	1344-37-2	1	REACH, candidate list	C, R	0.1%	13.01.2010	
Lead silicate	6477-84-1	3	REACH, candidate list	R	0.1%	19.12.2011	
Lead azide, lead azide	1342-46-9	3	REACH, candidate list	R	0.1%	19.12.2011	
Lead sulphate	15265-48-0	3	REACH, candidate list	R	0.1%	19.12.2011	
Pyrochlor, antimony lead yellow	8012-00-8	3	REACH, candidate list	R	0.1%	19.12.2012	
Lead bis(trimethylborate)	13814-96-5	3	REACH, candidate list	R	0.1%	19.12.2012	
Lead diacetate	10009-74-8	3	REACH, candidate list	R	0.1%	19.12.2012	
Silicic acid, lead salt	11220-22-2	3	REACH, candidate list	R	0.1%	19.12.2012	
Silicic acid, barium salt (1:1), lead-doped	88784-79-8	3	REACH, candidate list	R	0.1%	19.12.2012	
Lead titanium antimony oxide	12621-81-2	3	REACH, candidate list	R	0.1%	19.12.2012	
Lead monoxide (lead oxide)	1317-36-8	3	REACH, candidate list	R	0.1%	19.12.2012	
Trilead bis(carbonate)hydroxide	2119-46-6	3	REACH, candidate list	R	0.1%	19.12.2012	
Trilead bis(carbonate)hydroxide	1319-46-6	3	REACH, annex XVII	R	Banned to use in paints	09.10.2012	
Lead oxide on sulfate	12006-76-9	3	REACH, candidate list	R	0.1%	19.12.2012	
Lead titanium trioxide	12002-00-3	3	REACH, candidate list	R	0.1%	19.12.2012	
Acetic acid, lead salt, basic	15484-69-4	3	REACH, candidate list	R	0.1%	19.12.2012	
Tetralead trioxide sulphate	12202-17-4	3	REACH, candidate list	R	0.1%	19.12.2012	
Diolefin(tetraacetate)lead	12578-12-0	3	REACH, candidate list	R	0.1%	19.12.2012	
Tetraethyllead	780-02	3	REACH, candidate list	R	0.1%	19.12.2012	
Pentalead tetraoxide sulphate	12062-90-6	3	REACH, candidate list	R	0.1%	19.12.2012	
Orange lead (lead tetraoxide)	1314-41-6	3	REACH, candidate list	R	0.1%	19.12.2012	
Trilead dioxide phosphonate	12141-20-7	3	REACH, candidate list	R	0.1%	19.12.2012	
Sulfuric acid, lead salt, dibasic	62278-08-7	3	REACH, candidate list	R	0.1%	19.12.2012	
Lead cyanamide	20837-86-9	3	REACH, candidate list	R	0.1%	19.12.2012	
Lead(II) bis(methanesulfonate)	17570-76-2	3	REACH, candidate list	R	0.1%	16.05.2012	
Lead diacetate	301-04-2	3	REACH, candidate list	R	0.1%	16.12.2013	
Trilead diacetate	38891-31-8	3	REACH, candidate list	C	0.1%	19.12.2011	
Neodecylantidrossacarbonate (PbC20)	1968-61-0	3	REACH, annex XVII	R	Banned to use in paints	09.10.2012	
Lead sulphate PEG504	7446-14-2	3	REACH, annex XVII	R	Banned to use in paints	09.10.2012	
Sulphuric acid, lead salt Pb304	15739-80-7	3	REACH, annex XVII	R	Banned to use in paints	09.10.2012	
<b>Other metals</b>							
<b>Chromium compounds</b>							
Hexavalent chromium	18540-29-9	3	RoHS II	P, C, M	0.1%	22.07.2019	
Hexavalent chromium	18540-29-9	3	Battery Directive	P, C, M	100 ppm	30.06.1996	Packaging
Hexavalent chromium	18540-29-9	4	Red list (US)	P, C, M	1%	June 2014	
Chromium(III) chloride	7789-09-5	1	REACH, annex XV	CMR	Banned in EU - authorization needed	21.09.2017	
Chromium(III) chloride	7789-09-5	1	REACH, candidate list	CMR	0.1%	18.06.2010	
Potassium chromate	7789-00-6	1	REACH, annex XV	C, M	Banned in EU - authorization needed	21.09.2017	
Potassium chromate	7789-00-6	1	REACH, candidate list	C, M	0.1%	18.06.2010	
Potassium dichromate	7778-50-9	1	REACH, annex XV	CMR	Banned in EU - authorization needed	21.09.2017	
Potassium dichromate	7778-50-9	1	REACH, candidate list	CMR	0.1%	18.06.2010	
Sodium chromate	7775-11-3	1	REACH, annex XV	CMR	Banned in EU - authorization needed	21.09.2017	
Sodium chromate	7775-11-3	1	REACH, candidate list	CMR	0.1%	18.06.2010	
Sodium dichromate	7788-12-0; 10588	3	REACH, annex XV	CMR	Banned in EU - authorization needed	21.09.2017	
Sodium dichromate	7788-12-0; 10588	3	REACH, candidate list	CMR	0.1%	28.10.2008	
Acids generated from chromium trioxide and their oligomers		1	REACH, annex XV	C	Banned in EU - authorization needed	21.09.2017	
Acids generated from chromium trioxide and their oligomers		1	REACH, candidate list	C	0.1%	15.12.2010	
Oligomers of chromic acid and dichromic acid		1	REACH, annex XV	C	Banned in EU - authorization needed	21.09.2017	
Oligomers of chromic acid and dichromic acid		1	REACH, candidate list	C	0.1%	15.12.2010	
Dichromic acid	13330-68-2	1	REACH, annex XV	C	Banned in EU - authorization needed	21.09.2017	
Dichromic acid	13330-68-2	1	REACH, candidate list	C	0.1%	15.12.2010	

Chromic acid	7738-94-5	1	REACH, annex XV	C, S6	Banned in EU - authorisation needed	21.09.2007
Chromic acid	7738-94-5	1	REACH, candidate list	C, S6	0.1%	15.12.2010
Chromium fluoride	1333-82-0	1	REACH, annex VII	C, M	Banned in EU - authorisation needed	20.09.2007
Chromium trioxide	1333-82-0	1	REACH, candidate list	C, M	0.1%	15.12.2010
Stromium chromate	02-06-7789	3	REACH, annex XV	C	Banned in EU - authorisation needed	20.01.2009
Stromium chromate	02-06-7789	3	REACH, candidate list	C	0.1%	20.06.2011
Potassium hydroxyoctadecadienatetrachromate	11020-86-9	1	REACH, annex XV	C, T, N	Banned in EU - authorisation needed	22.01.2019
Potassium hydroxyoctadecadienatetrachromate	11020-86-9	1	REACH, candidate list	C, T, N	0.1%	18.12.2011
Pentachloroantimony pentachloroantimonate	49623-84-5	1	REACH, annex XV	C	Banned in EU - authorisation needed	22.01.2019
Pentachloroantimony pentachloroantimonate	49623-84-5	1	REACH, candidate list	C	0.1%	18.12.2011
Dichromium trichromate	24613-89-6	1	REACH, annex XV	C	Banned in EU - authorisation needed	22.01.2019
Dichromium trichromate	24613-89-6	1	REACH, candidate list	C	0.1%	18.12.2011
<b>Boron compounds</b>						
Boric acid	10043-35-3	3	REACH, candidate list	R	0.1%	18.06.2010
Boric acid, crude natural	11133-50-1	3	REACH, candidate list	R	0.1%	18.06.2010
Sodium tetraborate anhydrous (Borax)	1309-56-4; 1330-	3	REACH, candidate list	R	0.1%	18.06.2010
Tetrahydroboron heptadecahydroborate	12207-73-1	3	REACH, candidate list	R	0.1%	18.06.2010
Diboron trioxide	1309-66-2	3	REACH, candidate list	R	0.1%	18.06.2012
Sodium peroxodiborate	04-00-7632	3	REACH, candidate list	R	0.1%	16.06.2014
Sodium perborate perboric acid, sodium salt	13120-21-5	3	REACH, candidate list	R	0.1%	16.06.2014
Perboric acid, sodium salt	1138-47-9	3	REACH, candidate list	R	0.1%	16.06.2014
Borodim acrylate	12008-41-2	3	REACH, candidate list	R	0.1%	27.06.2008
<b>Cobalt compounds</b>						
Cobalt dichloride	7642-79-9	3	REACH, candidate list	C, R	0.1%	28.10.2008
Cobalt(II)carbonate	513-79-1	3	REACH, candidate list	C, R	0.1%	15.12.2010
Cobalt(II)iodate	7148-7	3	REACH, candidate list	C, R	0.1%	15.12.2010
Cobalt(II)nitrate	10341-05-6	3	REACH, candidate list	C, R	0.1%	15.12.2010
Cobalt(II)sulfate	10124-43-3	3	REACH, candidate list	C, R	0.1%	15.12.2010
<b>Arsenic compounds</b>						
Darsenic pentoxide	1303-28-2	1	REACH, annex XV	C	Banned in EU - authorisation needed	21.05.2015
Darsenic pentoxide	1303-28-2	1	REACH, candidate list	C	0.1%	28.10.2008
Darsenic pentoxide	1303-28-2	1	REACH, annex VII	C	Banned in EU - authorisation needed	30.06.2007
Darsenic trichloride	1327-53-3	1	REACH, annex XV	C	Banned in EU - authorisation needed	21.05.2015
Darsenic trichloride	1327-53-3	1	REACH, candidate list	C	0.1%	28.10.2008
Darsenic trichloride	1327-53-3	1	REACH, annex VII	C	Banned in EU - authorisation needed	30.06.2007
Triethyl arsinate	156695-8	3	REACH, candidate list	C	0.1%	28.10.2008
Calcium arsenate	7738-44-1	1	REACH, candidate list	C	0.1%	19.12.2011
Calcium arsenate	7738-44-1	1	REACH, annex XV	C, T, N	Banned in EU - authorisation needed	30.06.2007
Arsenic acid	7738-39-4	3	REACH, candidate list	C, T, N	0.1%	19.12.2011
Arsenic acid	7738-39-4	3	REACH, annex VII	C, T, N	Banned in EU - authorisation needed	22.08.2017
Cobalt arsenide	2705-73-5	3	REACH, annex VII	T, N	Banned in EU - authorisation needed	30.06.2007
Nickel arsenide	2705-73-5	3	REACH, annex VII	T, N	Banned in EU - authorisation needed	30.06.2007
Nickelium arsenate	2705-73-5	3	REACH, annex VII	T, N	Banned in EU - authorisation needed	30.06.2007
Nickelium arsenate	2705-73-5	3	REACH, annex VII	T, N	Banned in EU - authorisation needed	30.06.2007
3-methyl-4-(pyridin-2-yl)-1-(benzenediazonium heptafluorophosphate	27569-09-1	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Antimony arsenide	2880-47-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic acid, copper(II) salt	2881-131-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Lithium heptafluorophosphate	29935-35-1	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Selenium arsenide	2935-46-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tridorsium darsenide	30297-24-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triphenylsulfonium heptafluorophosphate(1)	3790-42-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Zinc arsenide	6900-47-9	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Trimarsenic arsenide	31219-269-9	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Diosolium 3-(6-bromo-2-oxoheptanoil)-4,4-dihydroxynaphthalene-2,7-dithiolanolate	6221-00-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
4-(phenylthio)boron heptafluorophosphate	6221-00-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
4-(ethylamino)-2-methylbenzenediazonium heptafluorophosphate	6321-321-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
4-(ethylamino)-2-methylbenzenediazonium heptafluorophosphate	6321-321-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Antimony arsenic oxide	64475-90-7	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic bromide	6493-06-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Cobalt arsenide	6493-06-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tris(pentane-2,4-dionato-O(7))silicon heptafluorophosphate	6721-38-1	1	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Silicic acid (H4SiO4), zinc salt (1:2), arsenic and manganese-doped	6721-38-1	1	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Bis(pentane-2,4-dionato-O(7))boron(1)-heptafluorophosphate(1)	6893-01-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Antimony oxide (Sn2O3), mixed with arsenic oxide (As2O3)	6901-180-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Lead alloy, base dress	6901-180-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Lead, antimonial, dress	69029-51-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Lead dust, lead-refined	69029-51-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Dilysine arsenide	7033-07-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Thallium arsenide	80021-69-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
2,6-dimethyl-4-(1-naphthyl)pyrylium heptafluorophosphate	84282-36-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
2,6-dimethyl-4-phenylpyrylium heptafluorophosphate	84304-15-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Cyclohexyl 2,6-dimethylpyrylium heptafluorophosphate	84304-15-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tris[3-(6-methoxycholan-9-R)-o] arsenite	94138-87-1	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Vanadium(V) darsenide (1:1)	9636-94-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Vanadium(V) darsenide (1:1)	9636-94-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Styrylium-10-one, arsenite (1:1)	100258-44-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Silicic acid (H4SiO4), copper electrolytic refining, decoprecipitated arsenic-rich	100258-44-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic acid (H3AsO4), magnesium salt, manganese-doped	10210-62-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Silicic acid (H4SiO4), copper electrolytic refining, decoprecipitated arsenic-rich	10210-62-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Sodium heptafluorophosphate(V)	12005-86-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Sodium arsenate dibasic heptahydrate	10048-95-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Nickel darsenide	10048-95-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Nickel darsenide	10048-95-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Dichromium arsenide	12258-85-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Dichromium arsenide	12258-85-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Lanthanum arsenide	12255-04-8	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Niobium arsenide	12255-08-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Niobium arsenide	12255-08-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triantimony arsenide	12255-36-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tantalum arsenide	12255-39-9	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Yttrium arsenide	12255-48-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tellurium darsenide	12255-50-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tellurium darsenide	12255-50-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Selenium arsenide	12271-72-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Vanadium(V) darsenide (1:1)	12421-99-8	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic sulfide	12612-24-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Ammonium dibydrogenarsenate	13462-93-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Potassium arsenite	13464-35-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triiodium arsenite	13464-37-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triiodium arsenite	13464-38-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Zinc arsenite	13464-44-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triiodium darsenide	13464-68-1	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tellurium darsenide	13471-04-8	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Trinickel bisarsenide	13477-70-8	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Thallium arsenite	13478-14-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triiodine arsenite	13510-84-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Sodium metarsenite	15120-179	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Styrylium-10-one, arsenite (1:1)	74-82-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Hexamine	121-197	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Sodium dimethylarsinate	124-66-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
1-(5-Hydroxy-3,7-dioxane-1,2-dithiolanium) dichloride	139-35-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Octopentane	306-127	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triflylium heptafluorophosphate	207-115-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Octopentane	407-06-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Octopentane hydrochloride	538-04	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tris[3-(6-methoxycholan-9-o)] bisarsenite	548-199-7	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Sulfarsenite	618-42-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Phenylarsinic oxide	637-03-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Thallium arsenide	13001-40-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Iodum arsenide	13001-11-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic sulfide	13001-39-9	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic trichloride	1301-36-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triethyl arsinate	341-12-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triethyl arsinate	341-12-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triethyl darsenide	348-71-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Diosolium 4-(6-oxo-2-oxoheptanoil)-3-hydroxynaphthalene-2,7-dithiolanolate	3688-92-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic	7642-32-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic acid, sodium salt	7631-89-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Diosolium hydrogenarsenate	7738-43-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triethyl arsinate	7738-49-9	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic trichloride	7738-31-0	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic trichloride	7738-34-1	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Trifluoroarsine	7738-39-2	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Pentafluoroarsane	7738-36-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Mercury hydrogenarsenate	7738-47-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Potassium hydrogenarsenate	7738-38-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Lead hydrogen arsenate	7738-40-9	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Potassium hydrogenarsenate	7738-38-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic trichloride	7738-45-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Sodium dicosanoarsenate	7738-46-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Antimony darsenide	7738-36-9	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Fluor dust, arsenic-contg.	8028-73-7	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Lead arsenite	10031-13-7	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Iron arsenite	10022-49-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Iron bisarsenite	10020-50-8	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic acid, manganese salt	10020-50-1	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic acid, copper salt	10020-61-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Arsenic acid, calcium salt	10010-62-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triphenyl arsinate	10478-21-1	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triopoper arsenite	12005-75-3	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triopoper arsenite	12005-84-1	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Triopoper arsenite	12005-88-8	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Gadolinium arsenide	12005-89-9	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Neodymium arsenide	12005-91-4	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Lutetium arsenide	12005-94-6	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Manganese arsenide	12005-95-7	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Tellurium arsenide	12005-98-5	3	REACH, annex VII		Banned in EU - authorisation needed	30.06.2007
Thallium arsenide	12006-09-6	3	REACH, annex VII			

<b>Diobutyl phthalate (DBP)</b>	84-99-3	3	RoHS II	R, E	0.1 weight percent	22.07.2019	Plasticizer
<b>Diobutyl sebacate (DBS)</b>	84-99-3	3	REACH, annex XVII	R, E	0.1% by weight of the finished non-flammable	18.07.2019	Plasticizer
<b>2,4-Dinitrotoluene (2,4-DNT)</b>	121-14-2	1	REACH, annex XIV	R, E	Banned in EU - authorization needed	21.08.2015	Plasticizer
<b>2,4-Dinitrotoluene (2,4-DNT)</b>	121-14-2	1	REACH, candidate list	C		13.01.2011	Plasticizer
<b>Di(2-methoxyethyl) phthalate (DMEP)</b>	117-82-8	3	REACH, annex XIV	R	Banned in EU - authorization needed	21.08.2015	Plasticizer
<b>Di(2-methoxyethyl) phthalate (DMEP)</b>	117-82-8	3	REACH, candidate list	R		19.12.2011	Plasticizer
<b>Phthalate dibenzoate</b>	9921-06-9	3	REACH, annex XIV	R	Banned in EU - authorization needed	19.12.2012	Plasticizer
<b>Diethyl sebacate phthalate</b>	77627-69-9	3	REACH, annex XIV	R	Banned in EU - authorization needed	19.12.2012	Plasticizer
<b>Diethyl sebacate phthalate</b>	77627-69-9	3	REACH, candidate list	R		19.12.2012	Plasticizer
<b>Diisopentyl phthalate</b>	605-50-5	3	REACH, annex XIV	R	Banned in EU - authorization needed	19.12.2012	Plasticizer
<b>Diisopentyl phthalate</b>	605-50-5	3	REACH, candidate list	R		19.12.2012	Plasticizer
<b>Dihexyl phthalate</b>	8473-73	3	REACH, candidate list	R		19.12.2013	Plasticizer
<b>Dipentyl phthalate</b>	131-14-0	3	REACH, annex XIV	R	Banned in EU - authorization needed	19.12.2012	Plasticizer
<b>Dipentyl phthalate</b>	131-14-0	3	REACH, candidate list	R		19.12.2012	Plasticizer
<b>Dioctyl sebacate (DOS)</b>	84-93-7	3	REACH, candidate list	R, E		27.06.2010	Plasticizer

<b>Fluorene substances</b>							
<b>5-tert-butyl-2,4,5-trinitro-m-xylene (fluor xylene)</b>	81-15-2	1	REACH, annex XIV	vPvB	Banned in EU - authorization needed	21.08.2014	
<b>5-tert-butyl-2,4,5-trinitro-m-xylene (fluor xylene)</b>	81-15-3	3	REACH, candidate list	vPvB		28.10.2008	

<b>Brominated substances and brominated flame retardants</b>							
<b>Polybrominated Biphenyls (PBB)</b>		3	RoHS II	PBT		22.07.2019	
<b>Polybrominated Diphenyl Ether (PBDE)</b>		3	RoHS II	PBT		22.07.2019	
<b>Decabromodiphenyl ether (decabDE)</b>	1163-19-5	3	REACH, candidate list	PBT, vPvB		19.12.2012	
<b>Decabromodiphenyl ether (decabDE)</b>	1163-19-5	3	EU(2019/1021) (POP's)	PBT, vPvB	0.001%	20.06.2019	
<b>Decabromodiphenyl ether (decabDE)</b>	1163-19-5	3	REACH, annex XVII	PBT, vPvB	0.1% in articles	02.03.2019	
<b>Heptabromocyclohexane (HBCDD)</b>	25637-99-4	1	REACH, annex XV	PBT	Banned in EU - authorization needed	21.08.2015	
<b>Heptabromocyclohexane (HBCDD)</b>	25637-99-4	3	REACH, candidate list	PBT		28.10.2008	
<b>Heptabromocyclohexane (HBCDD)</b>	25637-99-4	3	EU(2019/1021) (POP's)	PBT	0.01%	20.06.2019	
<b>alpha-hexabromocyclohexane</b>	134237-50-6	1	REACH, annex XV	PBT	Banned in EU - authorization needed	21.08.2015	
<b>alpha-hexabromocyclohexane</b>	134237-50-6	3	REACH, candidate list	PBT		28.10.2008	
<b>beta-hexabromocyclohexane</b>	134237-51-7	1	REACH, annex XV	PBT	Banned in EU - authorization needed	21.08.2015	
<b>beta-hexabromocyclohexane</b>	134237-51-7	3	REACH, candidate list	PBT		28.10.2008	
<b>gamma-hexabromocyclohexane</b>	134237-52-8	1	REACH, annex XV	PBT	Banned in EU - authorization needed	21.08.2015	
<b>gamma-hexabromocyclohexane</b>	134237-52-8	3	REACH, candidate list	PBT		28.10.2008	
<b>1,2,5,6,8,10-hexabromocyclohexane</b>	3194-55-6	1	REACH, annex XV	PBT	Banned in EU - authorization needed	21.08.2015	
<b>1,2,5,6,8,10-hexabromocyclohexane</b>	3194-55-6	3	REACH, candidate list	PBT		28.10.2008	
<b>1-bromopropene (n-propyl bromide)</b>	106-94-5	1	REACH, annex XV	R	Banned in EU - authorization needed	19.12.2012	
<b>1-bromopropene (n-propyl bromide)</b>	106-94-5	3	REACH, candidate list	R		19.12.2012	
<b>1-bromopropene (n-propyl bromide)</b>	106-94-5	1	1005/2009 (ODS's)	R	Banned in EU	16.09.2009	
<b>Tetrabromodiphenyl ether</b>	4008-47-9 and c	3	EU(2019/1021) (POP's)	PBT	0.001%	20.06.2019	
<b>Tetrabromodiphenyl ether (penta BDE)</b>	3533-81-9 and c	3	EU(2019/1021) (POP's)	PBT	0.001%	20.06.2019	
<b>Heptabromodiphenyl ether</b>	3643-60-0 and c	3	EU(2019/1021) (POP's)	PBT	0.001%	20.06.2019	
<b>Heptabromodiphenyl ether</b>	3643-60-0 and c	3	REACH, candidate list	PBT		20.06.2019	
<b>Heptabromodiphenyl ether</b>	3643-60-0 and c	3	EU(2019/1021) (POP's)	PBT	0.001%	20.06.2019	
<b>Monomethyl-dibromo-dihexyl methane bromobenzobromolone, mixture of isomers (DBBT)</b>	8335-01-8	1	REACH, annex XVII	PBT	Banned in EU	09.10.2012	

<b>Alkanes</b>							
<b>Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)</b>	8535-84-8	3	REACH, candidate list	PBT, vPvB	0.1%	28.10.2008	
<b>Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)</b>	8535-84-8	4	Red list (US)	vPvB	1%	June 2014	
<b>Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)</b>	8535-84-8 and c	3	EU(2019/1021) (POP's)	PBT, vPvB	0.15%	20.06.2019	
<b>Bromomethane</b>	74-83-9	1	1005/2009 (ODS's)	PBT	Banned in EU	16.09.2009	
<b>Bromomethane (ethyl bromide)</b>	74-86-4	1	1005/2009 (ODS's)	PBT	Banned in EU	16.09.2009	
<b>Bromochlorofluoromethane</b>	393-39-3	1	1005/2009 (ODS's)	PBT	Banned in EU	16.09.2009	
<b>Bromochlorofluoromethane</b>	75-43-8	1	1005/2009 (ODS's)	PBT	Banned in EU	16.09.2009	
<b>Dibromotetrafluoroethane</b>	124-73-2	1	1005/2009 (ODS's)	PBT	Banned in EU	16.09.2009	
<b>Dibromofluoromethane</b>	1005-2009 (ODS's)	1	1005/2009 (ODS's)	PBT	Banned in EU	16.09.2009	
<b>Trifluoromethane (trichlorofluoromethane)</b>	1005-2009 (ODS's)	1	1005/2009 (ODS's)	PBT	Banned in EU	16.09.2009	

<b>Aldehydes</b>							
<b>Formaldehyde</b>	50-00-0	3	Building Regulations 2010 (DK)	CMR	0.124 mg/m <sup>3</sup> , 0.1 mg/m <sup>3</sup> in indoor air		
<b>Formaldehyde</b>	50-00-0	3	French Regulations on VOC-em	CMR	Class C - 120 µg/m <sup>3</sup> ; B - 120 µg/m <sup>3</sup> ; A - 01.09.2013		Construction products
<b>Formaldehyde (added)</b>	50-00-0	4	Red list (US)	CMR	1%	June 2014	
<b>Formaldehyde, oligomeric reaction products with aniline (technical MDA)</b>	23214-70-4	1	REACH, candidate list	C		19.12.2011	
<b>Formaldehyde, oligomeric reaction products with aniline (technical MDA)</b>	23214-70-4	3	REACH, candidate list	C		19.12.2011	
<b>Acetaldehyde</b>	75-07-0	3	French Regulations on VOC-em	Potential occupational carcinogen	Class C - 400 µg/m <sup>3</sup> ; B - 400 µg/m <sup>3</sup> ; A - 01.09.2013		Construction products

<b>Phenols</b>							
<b>Nonylphenol (alkylphenol)</b>	2514-53-3	3	REACH, annex XVII	C, R, S <sub>s</sub>	0.1% in textiles processing	13.01.2013	
<b>Nonylphenol (alkylphenol)</b>	2514-53-3	4	Red list (US)	PBT, E	0.0%	June 2014	
<b>Nonylphenol, branched linear, ethoxylated</b>		1	REACH, candidate list	E	0.1%	19.12.2012	
<b>Nonylphenol, branched linear, ethoxylated</b>		1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, branched linear, ethoxylated</b>		3	REACH, candidate list	E	0.1%	20.06.2013	
<b>3(12-[2-(4-nonylphenoxy)ethoxy]ethoxy)ethoxyphenol</b>	7311-27-6	3	REACH, candidate list	E	Banned in EU - authorization needed	21.08.2015	
<b>3(12-[2-(4-nonylphenoxy)ethoxy]ethoxy)ethoxyphenol</b>	7311-27-6	3	REACH, candidate list	E	0.1%	20.06.2013	
<b>3(14-nonylphenoxy)phenol</b>	2794-274-1	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>3(14-nonylphenoxy)phenol</b>	2794-274-1	3	REACH, candidate list	E		20.06.2013	
<b>4-nonylphenol, ethoxylated (1 - 2.5 moles ethoxylated)</b>	26027-38-3	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>4-nonylphenol, ethoxylated (1 - 2.5 moles ethoxylated)</b>	26027-38-3	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, branched, ethoxylated (1 - 2.5 moles ethoxylated)</b>	68412-04-4	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, branched, ethoxylated (1 - 2.5 moles ethoxylated)</b>	68412-04-4	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated</b>	9010-45-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, ethoxylated</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated</b>	9010-45-9	3	REACH, candidate list	E	0.1%	20.06.2013	
<b>Nonylphenol, ethoxylated</b>	9010-45-9	3	REACH, candidate list	E	0.1%	20.06.2013	
<b>12-(4-nonylphenoxy)ethoxyphenol</b>	20427-84-3	1	REACH, annex XV	E	0.1% in textiles processing	13.01.2013	
<b>12-(4-nonylphenoxy)ethoxyphenol</b>	20427-84-3	3	REACH, candidate list	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, branched, ethoxylated</b>	68412-04-4	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, branched, ethoxylated</b>	68412-04-4	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated (1S-ED)</b>	9010-45-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, ethoxylated (1S-ED)</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated (1S-ED)</b>	9010-45-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, ethoxylated (1S-ED)</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated (1S-ED)</b>	9010-45-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, ethoxylated (1S-ED)</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>3(14-nonylphenoxy)phenol</b>	14403-724-1	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>3(14-nonylphenoxy)phenol</b>	14403-724-1	3	REACH, candidate list	E		20.06.2013	
<b>3(16-nonylphenoxy)phenol</b>	16371-11-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>3(16-nonylphenoxy)phenol</b>	16371-11-9	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenolpolyglycol ether</b>	70572-11-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenolpolyglycol ether</b>	70572-11-9	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated (ED-10)</b>	9010-45-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, ethoxylated (ED-10)</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated (ED-4)</b>	9010-45-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, ethoxylated (ED-4)</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>4-nonylphenol, branched, ethoxylated (1 - 2.5 moles ethoxylated)</b>	127087-87-0	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>4-nonylphenol, branched, ethoxylated (1 - 2.5 moles ethoxylated)</b>	127087-87-0	3	REACH, candidate list	E		20.06.2013	
<b>3(12-[4-(6-dimethylheptan-3-ylphenoxy)ethoxy]ethoxy)phenol</b>	111949-18-5	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>3(12-[4-(6-dimethylheptan-3-ylphenoxy)ethoxy]ethoxy)phenol</b>	111949-18-5	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenolpolyglycol ether</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated</b>	9010-45-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, ethoxylated</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>3(14-(6-dimethylheptan-3-ylphenoxy)ethoxy)phenol</b>	111949-17-4	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>3(14-(6-dimethylheptan-3-ylphenoxy)ethoxy)phenol</b>	111949-17-4	3	REACH, candidate list	E		20.06.2013	
<b>Nonylphenol, ethoxylated (loosely)</b>	9010-45-9	1	REACH, annex XV	E	Banned in EU - authorization needed	21.08.2015	
<b>Nonylphenol, ethoxylated (loosely)</b>	9010-45-9	3	REACH, candidate list	E		20.06.2013	
<b>1-(1,1,3,3-tetraethylbutyl)phenol</b>	100-50-9	3	REACH, candidate list	C	0.1%	19.12.2011	
<b>Phenolphthalein</b>	80-05-7	3	REACH, annex XV	E, probably serious effects to the environment	Banned in EU - authorization needed	04.07.2019, sunset date: 04.01.2021	
<b>1-(1,1,3,3-tetraethylbutyl)phenol, ethoxylated</b>	80-05-7	3	REACH, candidate list	E, probably serious effects to the environment		19.12.2012	
<b>Bioceps (Bis-sec-butyl-2,4-dinitrophenol)</b>	88-87-7	3	REACH, candidate list	R		19.12.2012	
<b>Bisocronazol 2-(4-(6-tert-butylphenyl)ethyl)propane</b>	3846-71-7	1	REACH, candidate list	vPvB		11.12.2014	
<b>3(2H-benzotriazol-2-yl)-4-(6-tert-butylphenyl)ethyl propanoate</b>	29373-55-1	3	REACH, candidate list	PBT, vPvB		21.08.2015	
<b>4-(4-dimethylphenyl)methane (MDA)</b>	101-77-6	1	REACH, annex XV	C	Banned in EU - authorization needed	21.08.2015	
<b>4-(4-dimethylphenyl)methane (MDA)</b>	101-77-6	3	REACH, candidate list	C		19.12.2011	
<b>2,4-dinitro-4-(6-tert-butylphenyl)ethanol (EU-327)</b>	3864-99-1	3	REACH, candidate list	vPvB	0.1%	17.12.2015	
<b>3(2H-benzotriazol-2-yl)-4-(6-tert-butylphenyl)ethyl propanoate</b>	29427-37-3	3					



Isoc butyl 2 (2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-3,3-dioxane	3	REACH, candidate list	vPvB	0.1%	15.06.2015		
Isoc butyl 2 (4-dimethylcyclohex-3-en-1-yl)-5-methyl-3,3-dioxane	3	REACH, candidate list	vPvB	0.1%	15.06.2015		
Perfluorinated Compounds (PFCA)	4	Not list (US)		1.0%	June 2014	Construction products	
1,6,7,8,14,15,16,17,18-Dodecachloropentacene[12,2,1,1,6,9,02,11,05,10]octadeca-7,15-diene (Dechlorane Plus™)	3	REACH, candidate list	vPvB	0.1%	15.01.2018		
Imidazolidine-2-thione (2-imidazolin-2-ethion)	3	REACH, candidate list	R	0.1%	15.12.2012		
Trimethyl phosphazene	21515-23-1	3	REACH, candidate list	R	16.12.2013		
Dicamethylcyclopentasiloxane (D5)	541-02-6	3	REACH, candidate list	PBT, vPvB	27.06.2018		
Dodecamethylcyclopentasiloxane (D6)	540-07-4	3	REACH, candidate list	PBT, vPvB	27.06.2018		
Octamethylcyclotrisiloxane (D4)	556-67-2	3	REACH, candidate list	PBT, vPvB	27.06.2018		
TYOC	110-49-6	3	French Regulations on VOC emissions from construction products	Class C > 2000 µg/m <sup>3</sup> ; B > 2000 µg/m <sup>3</sup>	01.09.2013	Construction products	
2-methoxyethyl acetate	112-34-5	3	REACH, candidate list	R	16.07.2019		
3,3,4,4,5,5,6,6,7,7,8,8,8-tetrakisfluorooctylidenebutyl acrylate and any of its mono-, di- or tri-O-alkyl derivatives (TFDA 13)	3	REACH, annex XVII			Do not use in paint spraying equipment 27.12.2010		
2-(2-butoxyethoxy)ethanol (DEGME)	112-34-5	3	REACH, annex XVII		0.1% in mixtures intended to supply by 27.06.2010		
4-Nitrodiphenyl	82-93-3	3	REACH, annex XVII	C	0.1% in mixtures	26.06.2019	
Di- <i>o</i> - <i>o</i> -di- <i>n</i> -butyltin(II)hydroxyborane / Di- <i>n</i> -butyl hydrogen borate CB198035H (DBH)	75133-37-0	3	REACH, annex XVII	M, R, Ss	0.1% in mixtures	09.10.2012	
Methylenediphenyl diisocyanate (MDI)	2847-40-5	3	REACH, annex XVII	C, Ss, Sr	0.1% in mixtures	27.12.2010	
2,4'-Methylenediphenyl diisocyanate	5873-94-1	3	REACH, annex XVII	C, Ss, Sr	0.1% in mixtures	27.12.2010	
2,2'-Methylenediphenyl diisocyanate	2536-95-2	3	REACH, annex XVII	C, Ss, Sr	0.1% in mixtures	27.12.2010	
4,4'-Methylenediphenyl diisocyanate	101-68-8	3	REACH, annex XVII	C, Ss, Sr	0.1% in mixtures	27.12.2010	
Diorganotin compounds		3	REACH, annex XVII		Banned to use as a biocide	01.01.2012	
<b>ketones</b>							
Trifluoroacetic acid	307-50-1	3	REACH, candidate list	vPvB	15.12.2012		
Perfluorooctanoic acid and its salts (PFOS)		3	REACH, candidate list	vPvB	07.07.2017		
Perfluorodecanoic acid (PFDA) and its salts	335-67-1	3	REACH, candidate list	vPvB	20.06.2013		
Perfluorododecanoic acid (PFDD) and its salts	335-67-1	3	REACH, annex XVII	R, PBT	25 ppb in mixtures or articles	04.07.2020	
Perfluorotetradecanoic acid	75279-94-8	3	REACH, candidate list	vPvB	15.12.2012		
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts		3	REACH, candidate list	vPvB	0.1%	12.01.2017	
Nonadecafluorodecanoic acid	335-76-2	3	REACH, candidate list	R, PBT	0.1%	12.01.2017	
Methoxyacetone	125-46-6	3	REACH, candidate list	R	0.1%	15.12.2012	
Hexadecafluorodecanoic acid	376-36-7	3	REACH, candidate list	vPvB	15.12.2012		
Hexafluoroisobutanoic acid	3058-94-8	3	REACH, candidate list	vPvB	15.12.2012		
Ethy acids, C8-18, mixed salts	70321-02-8	3	REACH, candidate list	R	0.1%	15.12.2012	
Hexanoic acid, nonadecafluoro-, sodium salt	383045-3	3	REACH, candidate list	R, PBT	0.1%	12.01.2017	
Cyclohexane-1,2-dicarboxylic anhydride [1], ox-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic acid, 1,2-anhydride (TMA)	85-43-7; 13149-0	3	REACH, candidate list	R	0.1%	15.12.2012	
Hexanoic acid, C8-18, mixed salts	523-30-7	3	REACH, candidate list	R	0.1%	27.06.2018	
Ammonium pentadecafluorodecanoate (APFD)	3825-26-1	3	REACH, candidate list	R, PBT	0.1%	20.06.2013	
Ammonium nonadecafluorodecanoate	3108-42-7	3	REACH, candidate list	R, PBT	0.1%	12.01.2017	
1,1,1,3,3,3-hexafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides		3	REACH, candidate list		Possibly serious effects to the environment, prod	16.07.2015	
Perfluorooctane sulfonates (PFOS) and its derivatives	1763-23-1, 2795-	3	EU(2019)3202 (PFOP)	PBT	0.001%	20.06.2019	
Perfluorooctane	110-81-2	3	REACH, annex VIII	R, Ss, T	0.1 % in aqueous based adhesives	27.06.2010	
<b>ketones</b>							
4-(4-chlorophenyl)amino)benzophenone (Michler's ketone)	90-84-8	3	REACH, candidate list	C	0.1%	18.06.2012	
1,3,5-tris(4-bromo-2-methyl-1,3,5-triazine-2,4,6-trione (TBC))	2451-62-9	3	REACH, candidate list	M	0.1%	18.06.2012	
1,3,5-tris(4-chloro-2-methyl-1,3,5-triazine-2,4,6-trione (TCC))	5953-74-6	3	REACH, candidate list	M	0.1%	18.06.2012	
1,7,7-trimethyl-3,3-bis(4-methylphenyl)quinoxaline-2,1,1-bis(piperidin-2-one (3-benzylidene camphor; 3BC))	15087-24-8	3	REACH, candidate list	E	0.1%	15.01.2019	
<b>esters</b>							
1,2-benzenedicarboxylic acid, di-C6-8 branched alkyl esters, C7-rich (DIPB)	71888-89-6	1	REACH, annex XV	R	Banned in EU - authorisation needed	Latest application date: 04.01.2019, sunset date: 04.07.2020	
1,2-benzenedicarboxylic acid, di-C6-8 branched alkyl esters, C7-rich (DIPB)	71888-89-6	3	REACH, candidate list	R	0.1%	20.06.2011	
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNLP)	88515-42-4	1	REACH, annex XV	R	Banned in EU - authorisation needed	Latest application date: 04.01.2019, sunset date: 04.07.2020	
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNLP)	88515-42-4	3	REACH, candidate list	R	0.1%	20.06.2011	
1,2-benzenedicarboxylic acid, diphenylester, branched and linear	84777-06-0	1	REACH, annex XV	R	Banned in EU - authorisation needed	Latest application date: 04.01.2019, sunset date: 04.07.2020	
1,2-benzenedicarboxylic acid, diphenylester, branched and linear	84777-06-0	3	REACH, candidate list	R	0.1%	15.12.2012	
1,2-benzenedicarboxylic acid, di-nonyl ester, branched and linear	88515-50-4	3	REACH, candidate list	R	0.1%	16.06.2014	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTS)	15213-158-1	3	REACH, candidate list	R	0.1%	17.12.2014	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate		3	REACH, candidate list	R, PBT	0.1%	17.12.2014	
1,3-propanediol	1120-71-4	3	REACH, candidate list	C	0.1%	17.12.2015	
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and heptyl and octyl diesters (with a 0/3% of ethyl) (phthalat)		3	REACH, candidate list	R	0.1%	15.06.2015	
1,2-benzenedicarboxylic acid, mixed decyl and heptyl and octyl diesters	8848-93-1	3	REACH, candidate list	R	0.1%	15.06.2015	
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters	88515-51-5	3	REACH, candidate list	R	0.1%	15.06.2015	
Dimethyl fumarate (DMF)	624-99-7	3	REACH, annex VIII	Ss	0.1%	05.06.2012	
<b>ethers</b>							
1,2-dimethoxyethane ethylene glycol dimethyl ether (EGDME)	110-71-4	3	REACH, candidate list	R	0.1%	18.06.2012	
Di-(2-methoxyethyl) ether (Diglyme)	111-96-6	1	REACH, annex XV	R	Banned in EU - authorisation needed	22.08.2017	
Di-(2-methoxyethyl) ether (Diglyme)	111-96-6	3	REACH, candidate list	R	0.1%	15.12.2011	
4-Butoxyethanol	111-76-2	3	French Regulations on VOC emissions from construction products		Class C > 2000 µg/m <sup>3</sup> ; B > 2000 µg/m <sup>3</sup>	01.09.2013	
Subphthalic acid diisobutyl ester (SIBD)		3	REACH, annex VIII		0.1% in mixtures	08.08.2011	
<b>Asbestos</b>							
Asbestos	1332-21-4	4	Not list (US)	C	1.0%	June 2014	Construction products
Actinolite (asbestos fibres)	77536-66-4	1	REACH, annex VIII	C	Banned in EU	22.06.2009	
Tremolite (asbestos fibres)	77536-66-4	1	REACH, annex VIII	C	Banned in EU	22.06.2009	
Pyrochloite (asbestos fibres)	12021-28-4	1	REACH, annex VIII	C	Banned in EU	22.06.2009	
Amphibole (asbestos fibres)	12021-28-4	1	REACH, annex VIII	C	Banned in EU	22.06.2009	
Anthrophyllite (asbestos fibres)	12021-29-5, 1332	1	REACH, annex VIII	C	Banned in EU	22.06.2009	
Actinolite (asbestos fibres)	77536-66-4	1	REACH, annex VIII	C	Banned in EU	22.06.2009	
<b>Other compounds</b>							
Aluminosilicate Refractory Ceramic Fibres		3	REACH, candidate list	C	0.1%	19.12.2011	
Zirconium Aluminosilicate Refractory Ceramic Fibres		3	REACH, candidate list	C	0.1%	19.12.2011	
Hydrazine	302-01-2; 7803-5	3	REACH, candidate list	C	0.1%	20.06.2011	
Inorganic ammonium salts		3	REACH, annex XVII		Shall not be placed on the market, or	14.07.2018	
Substances which are classified as carcinogenic category 1A or 1B listed in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or 2, respectively.		1	REACH, annex XVII	C	Applies to mixtures	09.02.2012	
Substances which are classified as germ cell mutagen category 1A or 1B listed in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 3 or 4, respectively.		1	REACH, annex XVII	M	Applies to mixtures	09.02.2012	
Substances which are classified as reproductive toxicant category 1A or 1B listed in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 5 or 6, respectively.		1	REACH, annex XVII	M	Applies to mixtures	09.02.2012	