

en List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	50-00-0	605-001-00-5	Formaldehyde	P	Generelles Verbot	Residues and degradation products in plastics (aminoplasts), urea and melamine resins, foam plastics, vulcanization accelerators, basis for synthetic tannins, biocides (e.g. dis-infectants), adhesives, press boards	German Chemical Prohibition Ordinance - ChemVerbotsV (The applicable legal text must be observed for any applications or exemptions)
en	Substance group	--	Chlorinated or brominated dioxins or furans	P	Generelles Verbot	Impurities in products	German Chemical Prohibition Ordinance - ChemVerbotsV (The applicable legal text must be observed for any applications or exemptions)
en	Substance group	--	Pentachlorophenol, pentachlorophenol salts and compounds	P	General prohibition	In products	German Chemical Prohibition Ordinance - ChemVerbotsV (The applicable legal text must be observed for any applications or exemptions)
en	Substance group	--	Biopersistent fibers: Artificial mineral fibers that are made undirected glassy (Silicate) fibers with a mass content of over 18% oxides of sodium, potassium, calcium, magnesium and barium exist	P	General prohibition	In substances, mixtures and articles	German Chemical Prohibition Ordinance - ChemVerbotsV (The applicable legal text must be observed for any applications or exemptions)
en		Material group	Radioactive substances	P	Through background radiation	Contamination in steel, Gas arrester, glow-discharge lamps	German Radiation Protection Ordinance (StrSchV) §§ 10-12
en	121-14-2	204-450-0	2,4-Dinitrotoluene (DNT) or Dinitro	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Starting material for dyes and production of polyurethane foams, 2,4-dinitrotoluene is used in the production of toluene diisocyanate, which is used for the manufacture of flexible polyurethane foams. The substance is also used as gelatinizing-plasticizing agent for the manufacture of explosives	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-08-21 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	101-77-9	202-974-4	4,4'-diaminodiphenylmethane (MDA)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Hardening agents for epoxy resins and adhesives, intermediate product for diphenylmethanediisocyanate (MDI), important starting material for PUR-foam, intermediate product for other polymers and monomers	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2014-08-21 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	81-15-2	201-329-4	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Odorous substance, e.g. in cleaning agents, perfume, fabrics, fabric softeners (China is major source)	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2014-08-21 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	79-06-1	201-173-7	Acrylamide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Production of polymers and dyes. Crosslinked (co) polymers of acrylamide are mostly water soluble and are used as stabilizers or flocculants, for example in waste water treatment, paper making.	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	120-12-7	204-371-1	Anthracene	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Tar-containing wood impregnation, coaltar dyes, arred tape, tar-containing sealing materials: Tar, tar oil. Soiling in black pigments (carbon black). Intermediate product for anthracene-9-aldehyde and anthraquinone.	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	90640-80-5	292-602-7	Anthracene oil	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	The substances are mainly used in the manufacture of other substances such asanthracene and carbon black. They may also be used as reducing agents in blastfurnaces, as components in bunker fuel, for impregnating, sealing and corrosionprotection.	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	90640 81 6	292-603-2	Anthracene oil, anthracene paste	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Same as Above	REACH (EC) Verordnung No 1907/2006 Anhang 14 EG-REACH SVHC Kandidatenliste vom 2010-03-30 Entscheidungs-Nummer ED/68/2009
en	91995-15-2	295-275-9	Anthracene oil, anthracene paste, anthracene fraction	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Same as Above	REACH (EC) Verordnung No 1907/2006 Anhang 14 EG-REACH SVHC Kandidatenliste vom 2010-03-30 Entscheidungs-Nummer ED/68/2009
en	91995-17-4	295-278-5	Anthracene oil, anthracene paste,distn. lights	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Same as Above	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	90640-82-7	292-604-8	Anthracene oil, anthracene-low	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Same as Above	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	85-68-7	201-622-7	Benzyl butyl phthalate (BBP)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Plasticizer, e.g. in polyvinyl chloride, sealants, fabrics, leather, sealings. Adhesives, paints and varnishes, colors and inks, coatings, cosmetics.	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-02-21 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	117-81-7	204-211-0	Bis(2-ethylhexyl)phthalate (DEHP)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Plasticizers, e.g. in polyvinyl chloride, artificial leather, rubber, latex, fibers, packaging. Colors and paints and varnishes. Adhesives, fillers, printing inks and pigments, dielectric liquids in capacitors, sealants and cements, lubricants, special solvents.	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-02-21 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	56-35-9	200-268-0	Bis(tributyl tin)oxide (TBTO)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	GlassFiber Filter, Anti Fouling Agent in marine paints, leather, textiles, wood, paper. Polyvinyl chloride stabilizer.	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008

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en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	7646-79-9	231-589-4	Cobalt dichloride	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Drying Agents, Silica Gel, Cobalt Chloride Paper	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	1303-28-2	215-116-9	Diarsenic pentaoxide	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Dyes, to harden copper lead or gold alloys (possible plating process), special glass, wood preservatives.	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-05-21 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	1327-53-3	215-481-4	Diarsenic trioxide	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Decolorizing agent for special glass & lead crystal, wood preservatives	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-05-21 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	84-74-2	201-557-4	Dibutyl phthalate (DBP)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Plasticizer, inks, resins, adhesives	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-02-21 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	84-69-5	201-553-2	Diisobutyl phthalate (DIBP)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	is used as plasticiser for nitrocellulose, cellulose ether,polyacrylate and polyacetate dispersions, and as a gelling aid in combination withother plasticisers, which are widely used for plastics, lacquers, adhesives, explosivematerial and nail polish	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-02-21 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	247-148-4 221-695-9	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: alpha-hexabromocyclododecane (a-HBCDD) beta-hexabromocyclododecane (B-HBCDD) gamma-hexabromocyclododecane (v-HBCDD)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Brominated flame retardant, e.g. in polystyrene, textiles	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-08-21 EG-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	7758-97-6	231-846-0	Lead chromate	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	is used for manufacturing pigments and dyes, and as a pigment or coating agent in industrial and maritime paint products or varnishes. Further in detergents and bleaches, photosensitive materials, in the manufacture of pyrotechnic powder or the embalming / restoring of art products	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-05-21 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	12656-85-8	235-759-9	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	is used as a colouring, painting and coating agent in sectors such as the rubber, plastic and paints, coatings and varnishes industries. Applications comprise the production of agricultural equipment, vehicles and aircraft as well as road and airstrip painting.	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-05-21 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	7784-40-9	232-064-2	Lead hydrogen arsenate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Wood preservatives, Insecticide	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	1344-37-2	215-693-7	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	is used as a colouring, painting and coating agent in sectors such as the rubber, plastic and paints, coatings and varnishes industries. Applications comprise the production of agricultural equipment, vehicles and aircraft as well as road and airstrip painting. The substance is further used for camouflage or ammunition marking in the defence area.	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-05-21 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	65996-93-2	266-028-2	Pitch, coal tar, high temp.	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	is mainly used in the production of electrodes for industrial applications. Smaller volumes are dedicated to specific uses such as heavy duty corrosion protection or special purpose paving	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	10588-01-9 7789-12-0	234-190-3	Sodium dichromate	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Chrome Yellow, Chromic Acid, Chromium Products	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008 (Sunset Date: 21/09/2017)
en	15606-95-8	-	Triethylarsenate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Stabilizer, PVC products (cables). Semiconductor industry, plant protection agents, wood preservatives.	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008
en	115-96-8	204-118-5	Tris(2-chloroethyl)phosphate (TCEP)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	is mainly used as an additive plasticiser and viscosity regulator with flame-retarding properties for acrylic resins, polyurethane, polyvinyl chloride and other polymers. Other fields of application are adhesives, coatings, flame resistant paints and varnishes. The main industrial branches to use TCEP are the furniture, the textile and the building industry.	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2015-08-21 EU-REACH SVHC nomination listing of 2010-03-30 Decision number ED/68/2009
en	85535-84-8	287-476-5	Alkanes, C 10 -C 13 , chloro (short chain chlorinated paraffins)	PD	Prohibition as pure substance and > 0,1 [% weight by weight] in mixtures for metal working and metal processing and for greasing leather	Flame retardant, plasticizer, paints, plastics, rubber	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2008-10-28 Decision number ED/67/2008

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en	79-01-6	201-167-4	Trichloroethylene	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Used in cleaners and in degreasing agents, dissolvent in glues	REACH (EC) Regulation No 1907/2006 appendix 14; Sunset date: 2016-04-21 EU-REACH SVHC nomination listing of 2010-06-18 Decision number ED/30/2010
en	1330-43-4 wather free 12179-04-3 (Pentahydrat) 1303-96-4 (Decahydrat)	215-540-4	Disodium tetraborate, anhydrous	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	used as a raw material for glaze on stone ware, ceramics, glass, in cleaners, in disinfection agents, in bleaching agents, in insecticides Used in addition as wood preservative and flame retardant	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-06-18 Decision number ED/30/2010
en	7775-11-3	231-889-5	Sodium chromate	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Used in laboratories for analysis	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-06-18 Decision number ED/30/2010 Sunset Date: 21/09/2017
en	7789-00-6	232-140-5	Potassium chromate	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Used for treatment and coating of metals, in textile manufacturing, colorant in ceramics, tanning agent and coating of leather, in laboratories for analysis	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-06-18 Decision number ED/30/2010 Sunset Date: 21/09/2017
en	7778-50-9	231-906-6	Potassium dichromate	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Used for treatment and coating of metals, in textile manufacturing, colorant in ceramics, tanning agent of leather, in photolithography, for treatment of wood, blocker for corrosion in cooling systems	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-06-18 Decision number ED/30/2010 Sunset Date: 21/09/2017
en	10043-35-3 (11113-50-1)	233-139-2 (234-343-4)	Boric acid	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in glass, ceramics, rubber, flame retardants, paints, industrial liquids, soldering products, brake fluids, film developing	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-06-18 Decision number ED/30/2010
en	12267-73-1	235-541-3	Tetraboron disodium heptaoxide, hydrate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in glass, glass fibres, ceramics, cleaning agents, adhesives, flame retardants	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-06-18 Decision number ED/30/2010
en	7789-09-5	232-143-1	Ammonium dichromate	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Used in laboratories as oxidant, tanning agent of leather, in textile manufacturing, to produce photosensitive screens (metal working)	REACH (EC) Regulation No 1907/2006 appendix 14 EU-REACH SVHC nomination listing of 2010-06-18 Decision number ED/30/2010 Sunset Date: 21/09/2017
en	10124-43-3	233-334-2	Cobalt(II) sulphate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Production of pigments, glazes, in porcelain painting, the toning of paper (photography), including baths for electroplating	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2010-12-15 Decision number ED/95/2010
en	10141-05-6	233-402-1	Cobalt(II) dinitrate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Production of high purity cobalt and color pigment for ceramics	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2010-12-15 Decision number ED/95/2010
en	513-79-1	208-169-4	Cobalt(II) carbonate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Used primarily in pottery glazes	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2010-12-15 Decision number ED/95/2010
en	71-48-7	200-755-8	Cobalt(II) diacetate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Bleaching and drying agent in paints	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2010-12-15 Decision number ED/95/2010
en	109-86-4	203-713-7	2-Methoxyethanol	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Solvent for paints, coatings and resins	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2010-12-15 Decision number ED/95/2010
en	110-80-5	203-804-1	2-Ethoxyethano	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Use as solvent	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2010-12-15 Decision number ED/95/2010
en	1333-82-0	215-607-8	Chromium trioxide	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	In electroplating, in wood preservatives, as a strong oxidizing agent	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2010-12-15 Decision number ED/95/2010 Sunset date: 21/09/2017
en	7738-94-5 13530-68-2	231-801-5 236-881-5	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Metal finishing e.g. passivation of zinc, aluminium, manufacture of wood preservation products	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2010-12-15 Decision number ED/95/2010 Sunset date: 21/09/2017
en	7646-79-9	231-589-4	Cobalt dichloride	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used as an intermediate in the production of cobalt compounds, in tire adhesion additives, organic dyes for textiles, drying agents for paints. It also is used in surface treatment techniques, such as in water treatment / corrosion-inhibiting chemical, as a dye or bleaching in the production of inorganic pigments, glass and ceramics, varistors and magnets as well as moisture gauges.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-06-20 Decision number ED/31/2011

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en	71888-89-6	276-158-1	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	In the past, primarily as plasticizers in PVC and sealants, coatings and may be used in printing inks.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-06-20 Decision number ED/31/2011
en	96-18-4	202-486-1	1,2,3-Trichloropropane	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an intermediate in the manufacture of chlorinated solvents and agricultural products. It is also used as a monomer. In the past, used as solvent, paint remover, as well as degreaser	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-06-20 Decision number ED/31/2011
en	872-50-4	212-828-1	1-Methyl-2-pyrrolidone	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as a solvent in coatings, cleaning products, for the manufacture of electronic devices as well as in the semiconductor industry, the petrochemical processing, pharmaceuticals and agrochemicals	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-06-20 Decision number ED/31/2011
en	302-01-2 7803-57-8	206-114-9	Hydrazine	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an intermediate in the production of hydrazine, as a monomer in polymerization reactions, as a corrosion inhibitor in water treatment and metal reduction and refinement of chemicals. Also used as a fuel for space vehicles and fuel for military (emergency) power units.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-06-20 Decision number ED/31/2011
en	68515-42-4	271-084-6	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	In the past, primarily as plasticizers in PVC, foam, adhesives	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-06-20 Decision number ED/31/2011
en	7789-06-2	232-142-6	Strontium chromate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as a corrosion inhibitor in coating mixtures which are used in aviation and space sector, in the coil coating sector of steel and aluminum and in the automotive coating sector	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-06-20 Decision number ED/31/2011
en	111-15-9	203-839-2	2-Ethoxyethyl acetate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	In the past, mainly used as a solvent in coatings and in the chemical industry, but also as an intermediate in the manufacture of cyanoacrylate adhesives	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-06-20 Decision number ED/31/2011
en	24613-89-6	246-356-2	Dichromium tris(chromate)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used in mixtures for metal surface treatment in the aeronautic/aerospace, steel and aluminium coating sectors.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	11103-86-9	234-329-8	Potassium hydroxyoctaoxidizincatedi-chromate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used in coatings in the aeronautic/ aerospace, steel and aluminium coil coating and vehicle coating sectors.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	49663-84-5	256-418-0	Pentazinc chromate octahydroxide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used in coatings in the vehicle coating and aeronautic / aerospace sectors.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	-	650-017-00-8	Aluminosilicate Refractory Ceramic Fibres (RCF)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Refractory ceramic fibres are used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment, equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process equipment).	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	-	650-017-00-8	Zirconia Refractory Ceramic Fibres (Zr-RCF)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Refractory ceramic fibres are used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment, equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process equipment).	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	25214-70-4	500-036-1	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Mainly used for manufacture of other substances. Minor uses are as hardener for epoxy resins, e.g. for the production of rolls, pipes and moulds, and as well for adhesives.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011 Sunset Date: 22/08/2017
en	117-82-8	204-212-6	Bis(2-methoxyethyl) phthalate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	No registration for this phthalate compound has been submitted to ECHA. Hence, the substance seems not to be manufactured in or imported to the EU in quantities above 1 t/y. Main uses in the past were as plasticiser in polymeric materials and paints, lacquers and varnishes, including printing inks.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	90-04-0	201-963-1	2-Methoxyaniline; o-Anisidine	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used in the manufacture of dyes for tattooing and coloration of paper, polymers and aluminium foil.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	140-66-9	205-426-2	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used in the manufacture of polymer preparations and of ethoxylates. Further used as a component in adhesives, coatings, inks and rubber articles.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	107-06-2	203-458-1	1,2-Dichloroethane	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Mainly used for manufacture of other substances. Minor uses as solvent in the chemical and pharmaceutical industry.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011 Sunset Date: 22/11/2017

en List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	111-96-6	203-924-4	Bis(2-methoxyethyl) ether	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Used primarily as a reaction solvent or process chemical in a wide variety of applications. Used also as solvent for battery electrolytes, and possibly in other products such as sealants, adhesives, fuels and automotive care products.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011 Sunset Date: 22/08/2017
en	7778-39-4	231-901-9	Arsenic acid	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Mainly used to remove gas bubbles from ceramic glass melt and in the production of laminated printed circuit boards	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011 Sunset Date: 22/08/2017
en	7778-44-1	231-904-5	Calcium arsenate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Calcium arsenate is present in complex raw materials imported for manufacture of copper, lead and a range of precious metals. It appears mainly to be used as precipitating agent in copper smelting and to manufacture diarsenic trioxide. However, most of the substance seems to be disposed of as waste.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	3687-31-8	222-979-5	Trilead diarsenate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Trilead diarsenate is present in complex raw materials imported for manufacture of copper, lead and a range of precious metals. The trilead diarsenate contained in the raw materials is in the metallurgical refinement process transformed to calcium arsenate and diarsenic trioxide. Whereas most of the calcium arsenate appears to be disposed of as waste the diarsenic trioxide is used further.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	127-19-5	204-826-4	N,N-dimethylacetamide (DMAC)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used as solvent, mainly in the manufacture of various substances and in the production of fibres for clothing and other applications. Also used as reagent, and in products such as industrial coatings, polyimide films, paint strippers and ink removers.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	101-14-4	202-918-9	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	P	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit/ Subject to authorization after sunset date	Mainly used as curing agent in resins and in the production of polymer articles and also for manufacture of other substances. The substance may further be used in construction and arts.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011 Sunset date: 22/11/2017
en	77-09-8	201-004-7	Phenolphthalein	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used as laboratory agent (in pH indicator solutions), for the production of pH-indicator paper and in medicinal products.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	13424-46-9	236-542-1	Lead azide; Lead diazide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used as initiator or booster in detonators for both civilian and military uses and as initiator in pyrotechnic devices.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	15245-44-0	239-290-0	Lead styphnate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used as a primer for small calibre and rifle ammunition. Other common uses are in munition pyrotechnics, powder actuated devices and detonators for civilian use.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	6477-64-1	229-335-2	Lead dipicrate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	No registration for this substance has been submitted to ECHA. Lead dipicrate is an explosive like lead diazide and lead styphnate. It may be used in low amounts in detonator mixtures together with the two other mentioned lead compounds.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2011-12-19 Decision number ED/77/2011
en	6786-83-0	229-851-8	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Is mainly used for the formulation of printing inks and writing inks, for dyeing paper and in mixtures, such as disc detergents.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	101-61-1	202-959-2	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Is used as an intermediate in the preparation of dyes and other substances.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	59653-74-6	423-400-0	1,3,5-tris(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	PD	Prohibited for developing new materials or exposure level > 0.05 mg/m3 - 0.1 mg/m3	Is used mainly in the EU as a solder resist. Is also used in electrical insulation material, resin molding systems, composite panels, screen printing, in coatings, tools, adhesives, lining material and stabilizers for plastics.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	1303-86-2	215-125-8	Diboron trioxide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Is widely used, for example, glass and fiber glass, frits, ceramics, flame retardants, catalysts, industrial fluids, in metallurgy, in the nuclear sector and in electrical equipment, adhesives, paints / coatings, film processing solutions, detergents and cleaning agents, reagents, biocides and insecticides.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	112-49-2	203-977-3	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	PD	Prohibited for developing new materials or generic concentration limit of 0.3%.	Used mainly as a solvent or as a processing aid in the manufacture and formulation of industrial chemicals. Less commonly used in brake fluids, and repair of motor vehicles.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012

en List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	561-41-1	209-218-2	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Is used for the formulation of inks and writing inks and other inks, also for dyeing of various materials.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	17570-76-2	401-750-5	Lead(II) bis(methanesulfonate)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Primarily used in (electrolytic and currentless) plating for electronic components (such as printed circuit boards). The fabric seems to be also used in batteries for special applications.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	75-12-7	200-842-0	Formamide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used mainly as an intermediate in the production of agro-chemical products, pharmaceuticals and industrial chemicals. Less frequently used as a solvent and as a laboratory for the purpose of quality control in forensic laboratories, hospitals, pharmaceutical companies, at food and beverage manufacturers and research laboratories. The substance appears to be used as a plasticizer.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	548-62-9	208-953-6	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Is used primarily in dyeing and paper and ink cartridges in pens. Is also used in the dyeing of dried flowers, as a marker to increase the visibility of liquids and dyeing in microbiological and clinical laboratory use.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	110-71-4	203-794-9	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Mainly used as a solvent or as a processing aid in the manufacture and formulation of industrial chemicals, including use as an electrolyte solvent in lithium batteries.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	2580-56-5	219-943-6	[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Is used for the formulation of paints, coatings and detergents, dyeing of paper, packaging, textiles, plastic products and other types of products. Is also used in diagnostic and analytical applications.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	2451-62-9	219-514-3	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used primarily as a hardener in coatings and resins. Is also used in coatings for printed circuit board industry, electrical insulation, resin molding systems, composite panels, screen coatings, tools, adhesives, lining material and stabilizers for plastics.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	90-94-8	202-027-5	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Is used as an intermediate in the manufacture of triphenylmethane dyes and other substances. Other potential uses as an additive (photosensitizer) in paints and pigments, in dry film products, and as a process chemical in the production of electronic circuit boards.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-06-18 Decision number ED/87/2012
en	8012-00-8	232-382-1	Pyrochlore, antimony lead yellow	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in coatings and paints, thinners, paint removes, Ink and toners	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	120-71-8	204-419-1	6-methoxy-m-toluidine (p-cresidine)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used as intermediate in manufacture of fine chemicals	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	2058-94-8	218-165-4	Henicosfluoroundecanoic acid	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Process implement and additive for multiple applications. Additive for production of paints/ varnishes; detergents, degreasing agents, water-repellent for corrosion inhibitor systems	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride [The individual isomers and including their cis- and trans- stereo isomeric forms and all possible combinations of the isomers are covered by this entry]	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Industrial use resulting in manufacture of another substance (use of intermediates), use of monomers for manufacture of thermoplastics, use of process regulators for polymerisation processes in production of resins, rubbers, polymers, as laboratory reagent	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	Cyclohexane-1, 2-dicarboxylic anhydride; cis-cyclohexane-1,2-dicarboxylic anhydride; trans-cyclohexane-1,2-dicarboxylic anhydride [The individual cis- and trans- isomer substances and all possible combinations of the cis- and trans-isomers are covered by this entry]	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as hardener for epoxy resins, manufacture of resins, use as intermediate in chemical synthesis or process, manufacture of chemicals (including petroleum products), Industrial use of monomers for manufacture of thermoplastics	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012

en List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	211-670-0	683-18-1	Dibutyltin dichloride (DBTC)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Industrial use resulting in manufacture of another substance (use of intermediates) Use as an additive for the production of rubber tyres	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	13814-96-5	237-486-0	Lead bis(tetrafluoroborate)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in metal surface treatment products, including galvanic and electroplating products non-metal-surface treatment products, in laboratory chemicals	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	10099-74-8	233-245-9	Lead dinitrate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in the manufacture of fine chemicals , manufacture of computer, electronic and optical products, electrical equipment	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	11120-22-2	234-363-3	Silicic acid, lead salt	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in glass and ceramic articles	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	60-09-3	200-453-6	4-Aminoazobenzene	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Raw material, used strictly controlled as intermediate, for the production of a pigment	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	12626-81-2	235-727-4	Lead titanium zirconium oxide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in the manufacture of computer, electronic and optical products, electrical equipment	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	1317-36-8	215-267-0	Lead monoxide (lead oxide)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Manufacture of computer, electronic and optical products, electrical equipment, used in general manufacturing, e.g. machinery, equipment, vehicles, other transport equipment, electrical batteries and accumulators , used in crystal glass production, in manufacture of rubber protection	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	95-53-4	202-429-0	o-Toluidine	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as laboratory reagent	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	143860-04-2	421-150-7	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Oxazolidine are used as microbicides in lubricants and as latent hardeners in air moisture-hardening polyurethan systems	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	68784-75-8	272-271-5	Silicic acid (H2Si2O5), barium salt (1:1)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in coatings and paints, thinners, paint removes	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	1319-46-6	215-290-6	Trilead bis(carbonate)dihydroxide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an intermediate, use in the semiconductor industry	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	110-00-9	203-727-3	Furan	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use for manufacture of other chemicals	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	68-12-2	200-679-5	N,N-dimethylformamide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as laboratory reagent and intermediate	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	-	-	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in coatings and paints, thinners, paint removes, in adhesives, sealants	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	-	-	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in coatings and paints, thinners, paint removes, in adhesives, sealants	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	838-88-0	212-658-8	4,4'-methylenedi-o-toluidine	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an intermediate	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	64-67-5	200-589-6	Diethyl sulphate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an intermediate in the chemical industry	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	77-78-1	201-058-1	Dimethyl sulphate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an intermediate in the chemical industry	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012

en List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	12036-76-9	234-853-7	Lead oxide sulfate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in manufacture of plastics products, including compounding and conversion	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	12060-00-3	235-038-9	Lead titanium trioxide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in manufacture of computer, electronic and optical products, electrical equipment	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	51404-69-4	257-175-3	Acetic acid, lead salt, basic	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as laboratory reagent , use in manufacture of computer, electronic and optical products, electrical equipment	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	69011-06-9	273-688-5	[Phthalato(2-)]dioxotrilead	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in manufacture of plastics products, including compounding and conversion	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	1163-19-5	214-604-9	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Flame retardants in circuit boards and plastic parts, housing of electric and electronic products, electronic component products as connectors, switches, isolation material for cables and wires	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	79-16-3	201-182-6	N-methylacetamide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as laboratory reagent	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	88-85-7	201-861-7	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in the manufacture of bulk, large scale chemicals (including petroleum products), manufacture of plastics products, including compounding and conversion	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	629-14-1	211-076-1	1,2-Diethoxyethane	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Zwischenprodukt in der chemischen Industrie und Verwendung als Lösungsmittel	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	12202-17-4	235-380-9	Tetralead trioxide sulphate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in the manufacture of rubber products, in manufacture of computer, electronic and optical products, electrical equipment, use in batteries	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	776297-69-9	-	N-pentyl-isopentylphthalate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Plasticizer for plastics e.g. PVC (similar to DEHP).	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	12578-12-0	235-702-8	Dioxobis(stearato)trilead	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in the manufacture of plastics products for industrial and consumer use	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	78-00-2	201-075-4	Tetraethyllead	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an additive in motor and aviation gasoline	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	12065-90-6	235-067-7	Pentalead tetraoxide sulphate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in electrical batteries and accumulators, in plastic articles, use in manufacture of computer, electronic and optical products, electrical equipment	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	72629-94-8	276-745-2	Pentacosafuorotridecanoic acid	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Process implement and additive for multiple applications. Additive for production of paints/ varnishes; detergents, degreasing agents, water-repellent for corrosion inhibitor systems	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	307-55-1	206-203-2	Tricosafuorododecanoic acid	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Process implement and additive for multiple applications. Additive for production of paints/ varnishes; detergents, degreasing agents, water-repellent for corrosion inhibitor systems	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	376-06-7	206-803-4	Heptacosafuorotetradecanoic acid	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Process implement and additive for multiple applications. Additive for production of paints/ varnishes; detergents, degreasing agents, water-repellent for corrosion inhibitor systems	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	106-94-5	203-445-0	1-bromopropane (n-propyl bromide)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in washing and cleaning products (including solvent based products), extraction agents	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	625-45-6	210-894-6	Methoxyacetic acid	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an intermediate in manufacture of fine chemicals	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	95-80-7	202-453-1	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as an intermediate in manufacture of chemicals (incl. petroleum products)	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	75-56-9	200-879-2	Methyloxirane (Propylene oxide)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as intermediate, use in the manufacture of substances, industrial use for manufacture of thermoplastics, manufacture of chemicals (including petroleum products)	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	12141-20-7	235-252-2	Trilead dioxide phosphonate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in plastic articles, electrical batteries and accumulators	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012

en List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	97-56-3	202-591-2	o-aminoazotoluene	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in paints and varnishes	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	84777-06-0	284-032-2	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in cosmetic articles	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	101-80-4	202-977-0	4,4'-oxydianiline and its salts	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Monomer in imported polymer , use as intermediate in manufacture of chemicals	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	1314-41-6	215-235-6	Orange lead (lead tetroxide)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in the manufacture of batteries, rubber and plastic articles, ceramic and crystal glass products, used for repair of television sets, computer monitors and other devices containing cathode ray tube, used in coatings and paints, thinners, paint removers	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	92-67-1	202-177-1	Biphenyl-4-ylamine	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Presumably used as an intermediate only.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	605-50-5	210-088-4	Diisopentyl phthalate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in the manufacture of propellants and explosives and to coat them to regulate rate of burn	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	91031-62-8	292-966-7	Fatty acids, C16-18, lead salts	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in manufacture of plastic products, including compounding and conversion	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	123-77-3	204-650-8	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use in manufacture of plastic products, manufacture of construction chemicals, manufacture of coatings and inks, use as laboratory reagent	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	62229-08-7	263-467-1	Sulfurous acid, lead salt, dibasic	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Manufacture of plastics products, including compounding and conversion	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	20837-86-9	244-073-9	Lead cyanamidate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Production process of the substance and use as a surface treatment of products, mainly for metals in surface treatment processes like electroplating.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2012-12-19 Decision number ED/169/2012
en	7440-43-9	231-152-8	Cadmium	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Many common industrial uses as it is a key component in battery production, is present in cadmium pigments, coatings and is commonly used in electroplating	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-06-20 Decision number ED/69/2013
en	3825-26-1	223-320-4	Ammonium pentadecafluorooctanoate (APFO)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in insulators for electric wires, fire fighting foam and outdoor clothing	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-06-20 Decision number ED/69/2013
en	335-67-1	206-397-9	Pentadecafluorooctanoic acid (PFOA)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in insulators for electric wires, fire fighting foam and outdoor clothing, carpet-care liquids, home textiles, industrial floor wax and wax removers, sealants	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-06-20 Decision number ED/69/2013
en	131-18-0	205-017-9	Dipentyl phthalate (DPP)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	As plasticizers in PVC products, children's toys	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-06-20 Decision number ED/69/2013
en	-	-	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	In wash solutions, textiles	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-06-20 Decision number ED/69/2013
en	1306-19-0	215-146-2	Cadmium oxide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as a glass additive and as catalyst in hydrogenation and dehydrogenation of organic synthetic chemistry	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-06-20 Decision number ED/69/2013
en	1306-23-6	215-147-8	Cadmium sulphide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Part of production of anorganic pigments, additive of production of electronic parts	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-12-16 Decision number ED/121/2013
en	1937-37-7	217-710-3	Disodium 4-amino-3-[[4'-[[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as a pigment in textile colours and other paints	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-12-16 Decision number ED/121/2013
en	84-75-3	201-559-5	Dihexyl phthalate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Plasticizers for cellulose and vinyl plastics	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-12-16 Decision number ED/121/2013

List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	96-45-7	202-506-9	Imidazolidine-2-thione; (2-imidazoline-2-thio)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Common use as vulcanization accelerator in chloroprene- and polyacrylate rubber articles	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-12-16 Decision number ED/121/2013
en	25155-23-1	246-677-8	Trixylyl phosphate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Multiple use as a chemical in industry (flame retardant, implemental for metal treatment engineering, lubricants, hydraulic oil, plasticizers)	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-12-16 Decision number ED/121/2013
en	573-58-0	209-358-4	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Use as a pigment in textile dyes and other paints	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-12-16 Decision number ED/121/2013
en	301-04-2	206-104-4	Lead di(acetate)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Common industrial use in coatings and paints, thinners, paint remover, filling compounds, putties, modelling compound	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2013-12-16 Decision number ED/121/2013
en	68515-50-4	271-093-5	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (DIHP)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used as lubricant in steering fluid and as plasticizers in plastics and coatings	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014-06-16 Decision number ED/49/2014
en	-	239-172-9; 234-390-0	Sodium perborate; perboric acid, sodium salt	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used as intermediate in chemical reactions and as bleaching agent mainly in household and professional detergents.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014-06-16 Decision number ED/49/2014
en	7632-04-4	231-556-4	Sodium peroxometaborate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used as bleaching agent in laundry detergents and machine dishwashing products as well as in household cleaners. Used in some special laboratory chemicals.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014-06-16 Decision number ED/49/2014
en	10108-64-2	233-296-7	Cadmium chloride	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Cadmium chloride is used for preparation of other chemicals, in laboratory, and also for photocopying, dyeing and electroplating.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014-06-16 Decision number ED/49/2014
en	3846-71-7	223-346-6	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	<ul style="list-style-type: none"> •UV stabilizer •UV absorbers •UV screening agent 	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014- 12-17 Decision number ED/108/2014
en	15571-58-1	239-622-4	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	<ul style="list-style-type: none"> •Base material for preparing of "Reaction mass of" 2-Ethylhexyl-10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate und 2-Ethylhexyl-10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate ("Reaction mass of" DOTE und MOTE) •Use in the plastics processing •Industrial use 	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014- 12-17 Decision number ED/108/2014
en	-	-	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	<ul style="list-style-type: none"> •Heat stabilisation of PVC •Use in the plastics processing •Industrial use 	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014- 12-17 Decision number ED/108/2014
en	25973-55-1	247-384-8	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	<ul style="list-style-type: none"> •UV stabilizer •UV absorbers •UV screening agent 	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014- 12-17 Decision number ED/108/2014
en	7790-79-6	232-222-0	Cadmium fluoride	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	<ul style="list-style-type: none"> •Research •Production of glass •High-temperature dry film lubricant •Optical electronics •Solar panels 	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014- 12-17 Decision number ED/108/2014
en	10124-36-4,31119-53-6	233-331-6	Cadmium sulphate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	<ul style="list-style-type: none"> •Component for the preparation of inorganic cadmium compounds •Raw material for the surface treatment of metals •Lab chemicals 	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2014- 12-17 Decision number ED/108/2014
en	68515-51-5 68648-93-1	271-094-0 272-013-1	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Plasticisers and lubricants, including use in adhesives, coatings, building material, cable compounding, polymer foils, PVC compounds and artist supply (e.g. modelling clay and finger paints).	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2015- 06-15 Decision number ED/39/2015
en	-	-	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] (covering any of the individual stereoisomers of [1] and [2] or any combination thereof)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Fragrances	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2015- 06-15 Decision number ED/39/2015

List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	375-95-1 21049-39-8 4149-60-4	206-801-3	Perfluorononan-1-oic-acid and its sodium and ammonium salts	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Processing aid for fluoropolymer manufacture/lubricating oil additive/surfactant for fire extinguishers/cleaning agent/textile antifouling finishing agent/polishing surfactant/waterproofing agents and in liquid crystal display panels	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2015- 12-17 Decision number ED/79/2015
en	98-95-3	202-716-0	Nitrobenzene	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Manufacture of other substances	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2015- 12-17 Decision number ED/79/2015
en	36437-37-3	253-037-1	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	UV-protection agents in coatings, plastics, rubber and cosmetics	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2015- 12-17 Decision number ED/79/2015
en	3864-99-1	223-383-8	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	UV-protection agents in coatings, plastics, rubber and cosmetics	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2015- 12-17 Decision number ED/79/2015
en	1120-71-4	214-317-9	1,3-propanesultone	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Intermediate for the preparation of Fine and bulk chemicals; Electrolyte fluid of lithium ion batteries	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2015- 12-17 Decision number ED/79/2015
en	50-32-8	200-028-5	Benzo[def]chrysene (benzo[a]pyrene)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Benzo [a] pyrene is not registered. The fabric is not normally produced, but may be a component or a be contamination of another substance.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2016- 06-20 Decision number ED/21/2016
en	80-05-7	201-245-8	4,4'-isopropylidenediphenol Bisphenol A: BPA	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	For the preparation of epoxides and epoxy hardeners (industrial and professional applications), coating material, for the production of polymers, e.g. Polycarbonates and PVC; Use in thermal paper (industrial, professional and consumer)	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2017- 01-12 Decision number ED/01/2017
en	-	-	4-heptylphenol, branched and linear	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Monomer for the preparation of polymers	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2017- 01-12 Decision number ED/01/2017
en	335-76-2 3108-42-7 3830-45-3	206-280-9 221-470-5 -	Nonadecafluorodecanoic acid (PFDA) and it's sodium and ammonium salts Nonadecafluorodecanoic acid Ammonium nonadecafluorodecanoate Sodium nonadecafluorodecanoate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	E.g. as a corrosion inhibitor, lubricant, plasticizer	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2017- 01-12 Decision number ED/01/2017
en	80-46-6	201-280-9	p-(1,1-dimethylpropyl)phenol 4-tert-Pentylphenol (PTAP)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	4-tert-pentylphenol is used at industrial sites for the production of perfumes and fragrances and as a monomer in the production of polymers (phenolic resins). Formulation of adhesives, coatings, printing inks, paints.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 2017- 01-12 Decision number ED/01/2017
en	--	--	Perfluorohexane-1-sulfonic acid and ist salts (PFHxS)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Industrial use: plasticiser, lubricant, surfactant, wetting agent, corrosion inhibitor and in fire fighting foams	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 07/07/2017 Decision number ED/30/2017
en	Substance group	--	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit		REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 15/01/2018 Decision number ED/01/2018
en	Substance group	--	Dodecachloropentacyclo[12.2.1.1.6.9.02,13.05.10]octadeca-7,15-diene ("Dechlorane Plus™")	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used as a non-plasticising flame retardant, used in adhesives and sealants and in binding agents.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 15/01/2018 Decision number ED/01/2018
en	218-01-9, 1719-03-5	205-923-4	Chrysene	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Normally not produced intentionally but rather occurs as a constituent or impurity in other substances.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 15/01/2018 Decision number ED/01/2018
en	10022-68-1, 10325-94-7	233-710-6	Cadmium nitrate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in laboratory chemicals and for the manufacture of glass, porcelain and ceramic products.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 15/01/2018 Decision number ED/01/2018
en	21041-95-2	244-168-5	Cadmium hydroxide	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used in laboratory chemicals and for the manufacture of electrical, electronic and optical equipment.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 15/01/2018 Decision number ED/01/2018
en	513-78-0	208-168-9	Cadmium carbonate	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Used as a pH regulator and in water treatment products, laboratory chemicals, cosmetics and personal care products.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 15/01/2018 Decision number ED/01/2018
en	56-55-3, 1718-53-2	200-280-6	Benz[a]anthracene	PD	Prohibited for developing new materials or material alterations > 0,1 [% weight by weight] declaration limit	Normally not produced intentionally but rather occurs as a constituent or impurity in other substances.	REACH (EC) Regulation No 1907/2006 EU-REACH SVHC nomination listing of 15/01/2018 Decision number ED/01/2018
en	61788-33-8	--	Polychlorinated Terphenyls (PCT)	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Insulation fluid in electrical systems, switch boards, transformers and condensers, as softening agent for wood and paper impregnation	REACH Regulation (EC) No 1907/2006 (Annex XVII)

List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	75-01-4	200-831-0	Chloroethene (Vinyl chloride)	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Propellant for aerosols, residual monomer in polymers	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	126-72-7	--	Tri (2,3-dibromopropyl) phosphate	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Flame retardant	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	71-43-2	200-753-7	Benzene	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Fuels, solvents for latex enamels, reactants for various chemicals	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	Substance group	Substance group	Asbestos	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Building materials, friction pads, gaskets, insulations, thermal insulation material, brake and clutch linings, protective clothing	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	545-55-1	208-892-5	Tris (aziridinyl) phosphine oxide	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	In articles	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	59536-65-1	--	polybrominated biphenyls; polybrominated biphenyls (PBB)	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	In articles	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	91-59-8	202-080-4	2-naphthylamine and its salts	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Textile and leather dyes, antioxidants in polymeres, Intermediate dye products	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	92-87-5	--	Benzidine and its salts	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Possible impurities in certain dyes (Kongo-benzidine dyes) for natural textiles, textile and leather dyes. Antioxidants in rubber and elastomers.	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	92-93-3	202-204-7	4-nitrobiphenyl	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures		REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	92-67-1	--	4-aminobiphenyl, xenylamine and its salts	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Impurities in textile and leather dyes, antioxidants in lubricants, rubber, plastics	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	598-63-0	--	Water-free neutral lead carbonate	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Used in dyes	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	1319-46-6	--	Lead hydroxide carbonate	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Used in dyes	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	7446-14-2 and 15739-80-7	--	Lead sulphate	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Used in dyes	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	Substance group	Substance group	Mercury or its compounds	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Anti-fouling paints, impregnation for wood and industrial textiles, water treatment	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	Substance group	Substance group	Arsenic or its compounds	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions		REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	Substance group	--	Organo-tin compounds	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Anti-fouling paints, water treatment	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	75113-37-0	401-040-5	Di-μ-oxo-di-n-butylstannio-hydroxyborane (DBB) (Di-butyl-tin hydrogen borate)	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Anti-fouling paints, water treatment	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	87-86-5	201-778-6	Pentachlorophenol and its salts and esters	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures		REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	Substance group	Substance group	Cadmium or its compounds	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions		REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	76253-60-6	602-072-00-4	Monomethyl-tetrachlorodiphenyl methane (Uglic 141)	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Residues and degradation products from production of polymers	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	81161-70-8	607-204-00-4	Monomethyl-dichloro-diphenyl methane (Uglic 121 or 21)	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Residues and degradation products from production of polymers	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	99688-47-8	602-071-00-9	Monomethyl-dibromo-diphenyl methane (DBBT)	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Residues and degradation products from production of polymers	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	Substance group	Substance group	Nickel or its compounds	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Must not be used in applications with direct and prolonged skin contact and where the rate of nickel release is > 0.5 micro gms per cm2 per week	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	67-72-1	200-666-4	Hexachloroethane	P	Shall not be placed on the market or used as a substance or in mixtures for the manufacture or processing of non-ferrous metals	Production and processing of non-ferrous metals	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	Substance group	Substance group	Azo dyes	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	In dyes for of textiles and leather	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	120-82-1	204-428-0	Trichlorobenzene	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	In products	REACH Regulation (EC) No 1907/2006 (Annex XVII)

en List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	a) 50-32-8 b) 192-97-2 c) 56-55-3 d) 218-01-9 e) 205-99-2 f) 205-82-3 g) 207-08-9 h) 53-70-3	a) 612-042-00-2	Polycyclic aromatic hydrocarbons (PAH) a) Benzo(a)pyrene (BaP) b) Benzo(e)pyrene (BeP) c) Benz(a)anthracene (BaA) d) Chrysene (CHR) e) Benzo(b)fluoranthene (BbFA) f) Benzo(i)fluoranthene (BjFA) g) Benzo(k)fluoranthene (BkFA) h) Dibenz(a,h)anthracene (DBaHA)	P	(1,0 mg/kg; is equal to 1ppm/ 0,0001% w/w)	In articles	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	79-06-1		Acrylamide	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions	Production of polymers, dyes and for paper production	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	624-49-7	210-849-0	Dimethyl Fumarate (DMF)	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	Biozide	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	62-38-4	200-532-5	Phenylmercury acetate	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	In products	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	103-27-5	203-094-3	Phenylmercury propionate	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	In products	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	13302-00-6	236-326-7	Phenylmercury-2-Ethylhexanoate	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	In products	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	13864-38-5	-	Phenylmercury octanoate	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	In products	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	26545-49-3	247-783-7	Phenylmercury neodecanoate	P	Prohibited as pure substance and 0,1 [% by weight] in mixtures	In products	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	80-05-7	201-245-8	4,4'-isopropylidenediphenol Bisphenol A; BPA	P	May not be placed on the market in thermal paper in a concentration of $\geq 0,02\%$ by weight after 2 January 2020	For use in thermal paper (industrial, professional and consumer)	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	335-67-1	206-397-9	Pentadecafluorooctanoic acid (PFOA) and its salts	P	For substances and preparations there is a restriction or a prohibition acc. to the REACH Regulation (EC) Nr. 1907/2006, Annex XVII - The applicable legal text must be observed for any applications or exceptions - 1.Darf als Stoff selbst weder hergestellt noch in Verkehr gebracht werden nach dem 4. Juli 2020	Used in insulators for electric wires, fire fighting foam and outdoor clothing, carpet-care liquids, home textiles, industrial floor wax and wax removers, sealants	REACH Regulation (EC) No 1907/2006 (Annex XVII)
en	Substance group	Substance group	Lead (Pb) and its compounds	P	0,1 [w/w % in homogeneous material]	Solders, hybrid circuits, stabilizing agents in plastics, alloys	RoHS Directive 2011/65/EU, Annex II (Exemptions are listed in Annex III and IV)
en	Substance group	Substance group	Cadmium (Cd) or its compounds	P	0,01 [w/w % in homogeneous material]	Surface protection of metals, stabilizers in polymers, pigments in paints and plastics, electrical contacts	RoHS Directive 2011/65/EU, Annex II (Exemptions are listed in Annex III and IV)
en	Substance group	Substance group	Mercury (Hg) and its compounds	P	0,1 [w/w % in homogeneous material]	Glow-discharge lamps, electrical switches	RoHS Directive 2011/65/EU, Annex II (Exemptions are listed in Annex III and IV)
en	Substance group	Substance group	Hexavalent Chromium (Cr6+) and its compounds	P	0,1 [w/w % in homogeneous material]	Coatings, colorants in plastics, technical tubes	RoHS Directive 2011/65/EU, Annex II
en	Substance group	Substance group	Polybrominated Biphenyls (PBB's)	P	0,1 [w/w % in homogeneous material]	Flame retardants in circuit boards and plastic parts	RoHS Directive 2011/65/EU, Annex II
en	Substance group	Substance group	Polybrominated diphenyl ether (PBDE)	P	0,1 [w/w % in homogeneous material]	Flame retardants in circuit boards and plastic parts	RoHS Directive 2011/65/EU, Annex II
en	117-81-7	--	Bis(2-ethylhexyl) phthalate (DEHP)	P	0,1 [w/w % in homogeneous material]	Softeners in plastics	COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances
en	85-68-7	--	Butyl benzyl phthalate (BBP)	P	0,1 [w/w % in homogeneous material]	Softeners in plastics	COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances
en	84-74-2	--	Dibutyl phthalate (DBP)	P	0,1 [w/w % in homogeneous material]	Softeners in plastics	COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances
en	84-69-5	--	Diisobutyl phthalate (DIBP)	P	0,1 [w/w % in homogeneous material]	Softeners in plastics	COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances
en	1336-36-3 and others	602-039-00-4 215-648-1 and others	Polychlorinated Biphenyls (PCB)	P	Concentration limit: 50 ppm	Insulation fluid in electrical systems, switch boards, transformers and condensers, as softening agent for wood and paper impregnation	REGULATION (EC) No. 850/2004 (The applicable legal text must be observed for any applications or exemptions)

List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	Substance group	--	Polychlorinated Naphthalenes (PCN) - PCN are on the Naphthalene ring system based chemical compounds in which one or more hydrogen atoms are replaced by chlorine atoms	P	Concentration limit: 10 ppm	PCN have insecticidal and fungicidal activity and are used in wood preservatives. In addition, PCN are used as substitutes for PCB (see polychlorinated biphenyls) used in synthetic resins and sealants for flame retardancy and as a plasticizer.	REGULATION (EU) No. 519/2012 OF THE COMMISSION from June 19, 2012 amending Regulation (EC) No. 850/2004 of the European Parliament and of the Council on Persistent Organic Pollutants as regards to Annex I
en	85535-84-8	287-476-5	Alkanes, C10-13, Chlorine (Short-chain chlorinated paraffins)	P		SCCPs are for manufacture of rubber articles, coatings of textiles, sealants, glues and inks used, as well as plasticizers with flame retardant properties.	REGULATION (EU) No. 2015/2030 OF THE COMMISSION from November 13, 2015 amending Regulation (EC) No. 850/2004 of the European Parliament and of the Council on Persistent Organic Pollutants as regards to Annex I
en	Substance group	--	Perfluorooctane sulfonates (PFOS) C8F17SO2X (X = OH, Metal salt (X= OM), halides, amides, and other derivatives including polymers)	P		Galvanic processes, surface treatment of metals and plastics. (Elastomers, impregnation of textiles, carpets and paper, chrome-plating, photography, fire-fighting foams, hydraulic fluids)	REGULATION (EC) No. 850/2004 (The applicable legal text must be observed for any applications or exemptions)
en	Substance Group	--	'chlorofluorocarbons' means the controlled substances listed in Group I and Group II of Annex I, including their isomers;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	Substance Group	--	'halons' means the controlled substances listed in Group III of Annex I, including their isomers;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	56-23-5	--	'carbon tetrachloride' means the controlled substance specified in Group IV of Annex I;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	71-55-6	--	'methylchloroform' means the controlled substance specified in Group V of Annex I;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	74-83-9	--	'methyl bromide' means the controlled substance specified in Group VI of Annex I;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	Substance Group	--	'hydrobromofluorocarbons' means the controlled substances listed in Group VII of Annex I, including their isomers;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	Substance Group	--	'hydrochlorofluorocarbons' means the controlled substances listed in Group VIII of Annex I, including their isomers;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	74-97-5	--	'Bromochloromethane' means the controlled substance specified in Group IX of Annex I;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	75-61-6	--	Dibromodifluoromethane (halon-1202); 'new substances' means substances listed in Annex II, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed;	P	General prohibition		REGULATION (EC) No. 1005/2009 - Regulation on ozone depleting substances (ODS) (The applicable legal text must be observed for any applications or exemptions)
en	7439-92-1	--	Lead	M	0,004 [% by weight] - The applicable legal text must be observed for any applications or exemptions	Portable, button cell or accumulator, industrial battery or accumulator and automotive battery or accumulator	German Battery Law (BattG)
en	7440-43-9	--	Cadmium	P/M	0,002 [% by weight] - The applicable legal text must be observed for any applications or exemptions	Portable, button cell or accumulator, industrial battery or accumulator and automotive battery or accumulator	German Battery Law (BattG)
en	7439-97-6	--	Mercury	P/M	0,0005 [% by weight] - The applicable legal text must be observed for any applications or exemptions	Portable, button cell or accumulator, industrial battery or accumulator and automotive battery or accumulator	German Battery Law (BattG)
en			Lead	P	100 [ppm] cumulative	All packagings	German Packaging Regulation - VerpackV
en			Cadmium	P	100 [ppm] cumulative	All packagings	German Packaging Regulation - VerpackV
en			Mercury	P	100 [ppm] cumulative	All packagings	German Packaging Regulation - VerpackV
en			Chromium VI	P	100 [ppm] cumulative	All packagings	German Packaging Regulation - VerpackV
en	7440-31-5	--	Tin	PD	Section 1502 of the Act creates certain reporting obligations for public companies engaged in manufacturing activities regarding the use of "conflict minerals"	Ore/ mineral	Mandated by the Dodd-Frank Wall Street Reform and Consumer Protection Act to require companies to publicly disclose their use of conflict minerals originating in the Democratic Republic of the Congo (DRC) or an adjoining country
en	7440-57-5	--	Gold	PD	Section 1502 of the Act creates certain reporting obligations for public companies engaged in manufacturing activities regarding the use of "conflict minerals"	Ore/ mineral	Mandated by the Dodd-Frank Wall Street Reform and Consumer Protection Act to require companies to publicly disclose their use of conflict minerals originating in the Democratic Republic of the Congo (DRC) or an adjoining country

en List of prohibited hazardous substances							
en	CAS Number	EINECS Number	Regulated substance name	Rating	Limit value	Application examples, occurrence	Source (law, directive, regulation)
en	7440-25-7	--	Tantalum	PD	Section 1502 of the Act creates certain reporting obligations for public companies engaged in manufacturing activities regarding the use of "conflict minerals"	Ore/ mineral	Mandated by the Dodd-Frank Wall Street Reform and Consumer Protection Act to require companies to publicly disclose their use of conflict minerals originating in the Democratic Republic of the Congo (DRC) or an adjoining country
en	7440-33-7	--	Tungsten	PD	Section 1502 of the Act creates certain reporting obligations for public companies engaged in manufacturing activities regarding the use of "conflict minerals"	Ore/ mineral	Mandated by the Dodd-Frank Wall Street Reform and Consumer Protection Act to require companies to publicly disclose their use of conflict minerals originating in the Democratic Republic of the Congo (DRC) or an adjoining country
en	<p>Notes: Prohibited substances (P) Substances rated declarable (D) Marking (M) Prohibited and declarable substances (PD) Prohibited and marking necessary (P/M)</p> <p>This table provides a simplified overview of the restrictions of hazardous substances relevant to Murrelektronik. It is not a complete overview of the international legislation regarding prohibited substances.</p> <p>Deliveries to Murrelektronik are only allowed to contain these substances up to the limits determined and/or the supplier must comply to his information and declaration duty.</p> <p>The supplier commits itself to the observance and monitoring of the limit values, and/or to the adherence to his information and declaration duty regarding prohibited substances.</p>						