



Restricted substances

Unit: mg/kg = ppm

Substances	CAS Number	Threshold Limit (ppm)	Description	Reference
lead (Pb)	7439-92-1	300	External cable	California Proposition 65
		1,000	All products and parts	- 2011/65/EU - 2005/618/EC - OSPAR
Cadmium (Cd)	7440-43-9	100	All products and parts	- 91/338/EEC - 2011/65/EU - 2005/618/EC - OSPAR
		0.002%	All Batteries	2006/66/EC
Mercury (Hg)	7439-97-6	1,000	All products and parts	- 2011/65/EU - 2005/618/EC - OSPAR
		0.0005%	All Batteries	2006/66/EC
		3mg/lamp	CCFL backlight	Acer Restricted
Hexavalent chromium (Cr ⁶⁺)	18540-29-9	1,000	All products and parts	- 2011/65/EU - 2005/618/EC
The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium	7439-92-1 7440-43-9 7439-97-6 18540-29-9	100	All packaging	- 94/62/EC - 2004/12/EC
Polybrominated biphenyls (PBBs)	-	1,000	All products and parts	- 2011/65/EU - 2005/618/EC
Polybrominated diphenyl ethers (PBDEs), including deca-BDE	-	1,000	All products and parts	- 2011/65/EU - 2005/618/EC
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	All products and parts	(EU) 2015/863
Benzyl butyl phthalate (BBP)	85-68-7	1000	All products and parts	(EU) 2015/863
Dibutyl phthalate (DBP)	84-74-2	1000	All products and parts	(EU) 2015/863

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Diisobutyl phthalate (DIBP)	84-69-5	1000	All products and parts	(EU) 2015/863
Annex XVII of REACH, Restriction on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles	-	-	All products and parts	EC/1907/2006
Nickel (Ni)	7440-02-0	Release Rate 0.5µg/cm ² /week	External surface of any product with potential for direct and prolonged skin contact	EC/1907/2006 Annex XVII
Halogenated flame retardants	-	1,000	All products casing	Acer Restricted (EU) 2019/2021
Perfluorooctane sulfonates (PFOS)	1763-23-1	1,000	All products and parts	(EU) 2019/1021
Dimethyl fumarate (DMF)	624-49-7	0.1	All products and parts	- 2009/251/EC - EC/1907/2006
Diisopentylphthalate (DIPP)	605-50-5	1,000	All products and parts	EC/1907/2006
N-pentyl-isopentylphthalate (NPIPP)	776297-69-9	1,000	All products and parts	EC/1907/2006
PAHs	-	1	Rubber or plastic material on the external or user accessed surfaces of a product	(EC) 1907/2006, Annex XVII
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	1,000	All products and parts	EC/1907/2006



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1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	1,000	All products and parts	EC/1907/2006
Bis(2-methoxyethyl) phthalate	117-82-8	1,000	All products and parts	EC/1907/2006
Dipentyl phthalate (DPP)	131-18-0	1,000	All products and parts	EC/1907/2006
Dihexyl phthalate (DHP)	84-75-3	1,000	All products and parts	EC/1907/2006
Red-phosphorus (Red-P)	7723-14-0	1,000	Power cord	Acer Restricted
Sulfur	7704-34-9	1,000	Rubber material in the interior of system enclosure	Acer Restricted (Test method: US EPA 3052)
Persistent Organic Pollutants (POPs)	-	-	All products and parts	(EU) 2019/1021
Formaldehyde	50-00-0	0.124 mg/m ³	Transportation plywood pallets for EMEA shipment	EN 13986
Perfluorooctanoic acid (PFOA), and its salts	335-67-1 and others	0.025 mg/kg	Not intentionally added of PFOA or any of its salts in Substances, mixtures and Articles	(EU) 2019/1021
		1mg/kg	Any individual or a combination of PFOA-related compound in Substances, mixtures and Articles	