



HISTORY OF ROHS ON THE KEY DATE 22.07.2019



RoHS I, 27.01.2002

DIRECTIVE 2002/95 / EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL from January 27, 2003 Restricting the use of certain hazardous substances in electrical and electronic equipment

Device categories covered by this policy

- 1. Home appliances
- 2. Small household appliances
- 3. IT and telecommunications equipment
- 4. Consumer electronics
- 5. Lighting fixture
- 6. Electrical and electronic tools (except stationary large industrial tools)
- 7. Toys and sports and leisure equipment
- 8. Medical devices (with the exception of all implanted and infected products)
- 9. Monitoring and control instruments
- 10. Automatic output devices

Substances which are subject to restrictions, as referred to in Article 4 (1), and maximum concentrations in homogeneous materials by weight

Lead (0.1%) Mercury (0.1%)

Cadmium (0.01%)

Hexavalent chromium (0.1%)

Polybrominated biphenyls (PBB) (0.1%)

Polybrominated diphenyl ethers (PBDE) (0.1%)

RoHS II, 08.06.2011

DIRECTIVE 2011/65 / EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL from the 8th of June 2011 Restricting the use of certain hazardous substances in electrical and electronic equipment

Device categories covered by this policy

- 1. Home appliances
- 2. Small household appliances
- 3. IT and telecommunications equipment
- 4. Consumer electronics
- 5. Lighting fixture
- 6. Electrical and electronic tools (except stationary large industrial tools)
- 7. Toys and sports and leisure equipment
- 8. Medical devices (with the exception of all implanted and infected products)
- 9. Monitoring and control instruments
- 10. Automatic output devices
- 11. Other electrical and electronic equipment

Substances which are subject to restrictions, as referred to in Article 4 (1), and maximum concentrations in homogeneous materials by weight

Lead (0.1%)

Mercury (0.1%)

Cadmium (0.01%)

Hexavalent chromium (0.1%)

Polybrominated biphenyls (PBB) (0.1%)

Polybrominated diphenyl ethers (PBDE) (0.1%)

"RoHS III" 31.03.2015

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 substances subject to restrictions

Device categories covered by this policy

- 1. Home appliances
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Substances which are subject to restrictions, as referred to in Article 4 (1), and maximum concentrations in homogeneous materials by weight

Lead (0.1%)

Mercury (0.1%)

Cadmium (0.01%)

Hexavalent chromium (0.1%)

Polybrominated biphenyls (PBB) (0.1%)

Polybrominated diphenyl ethers (PBDE) (0.1%)

Di (2-ethylhexyl) phthalate (DEHP) (0.1%)

Butylbenzyl phthalate (BBP) (0.1%)

Dibutyl phthalate (DBP) (0.1%)

Diisobutyl phthalate (DIBP) (0.1%)





EXAMPLE FOR CURRENT ROHS-DECLARATIONS



VISHAY.	RoHS Certificate
www.vishay.com	Visha
	on the Restriction of the Use ardous Substances (RoHS)
Dear Customer,	
	rgy Storage part numbers / series of the brands Vishay BCcomponents, Visha Sprague as listed in the Annex compty with the following European and Chines the Annex:
a) 2000/53/EC End of Life Vehicle (ELV)	
b) 2000/53/EC Amendment (2002/525/EC)	of Annex II of ELV
c) 2011/65/EU Restriction of the use of Ha	zardous Substances in EEE (RoHS)
d) Administrative Measures on the Control	of Pollution Caused by Electronic Information Products ("China RoHS")
e) 2015/863/EU Change of Annex II from 2	011/65/EU
These products do not contain any of th homogeneous materials:	e following substances in more than the following concentrations in any of the
Cadmium	0.01 % in weight
Chromium VI	0.1 % in weight
Mercury	0.1 % in weight
Lead	0.1 % in weight
Polybrominated biphenyls (PBB)	0.1 % in weight
Polybrominated diphenyl ethers (PBDE)	0.1 % in weight
Bis(2-ethylhexyl)phthalate (DEHP)	0.1 % in weight
Butyl benzyl phthalate (BBP)	0.1 % in weight
Dibutyl phthalate (DBP)	0.1 % in weight
Disobutyl phthalate (DIBP)	0.1 % in weight
No technology exemptions are applicable t	or these products.
The EFUP (Environmental Friendly User Pe	riod) for China RoHS is not applicable.
The data provided are correct to the best of	f our knowledge.
gerald Totald	
Gerald Tatschil Senior Manager Product Marketing - Alumi REACH, RoHS, and Hazardous Substance	num Capacitors Division s Coordinator Aluminum Capacitors Division
Desired and Married	
Revision: 30-Mar-16 For tech THIS DOCUMENT IS SUBJECT TO CHAN ARE SUBJECT TO SPI	1 Document Number: 2842 nical questions, contact: <u>VPECM surveys/brishay.com</u> GE WITHOUT NOTICE. THE PRODUCTS DESCRIBED HEREN AND THIS DOCUMENT ICPEC DISCLAMERS, SET FORTH AT <u>stress sphare convitor feetoor</u> .





> We will fulfill the RoHS Directive 2011/65 / EU as of 22.07.2019 and 2015/863 / EU, ie amended Annex II.

18.04.2018