

China Pollution Act

“Administration on the control of the
Pollution caused by Electronic Information
Products (EIP)”

ACPEIP



Product classification

Product classification

China Pollution Act
vs. RoHS summary

Labeling: when and
how

Labeling of Cinterion
products

Classif.	Definition and maximum concentration limits
<u>EIP-A</u>	Pb, Hg, Cr, PBB, and PBDE <0.1 wt% (excluded: DecaBDE) Cd ≤ 0.01 wt% related to homogenous material (equivalent to EU RoHS)
<u>EIP-B</u>	Plated Metal Materials in the Electronic Information Products Pb, Hg, Cd, and Cr⁶⁺ may not be used or added intentionally. Maximum Concentration Limit same as EIP-A
<u>EIP-C</u>	Small elements / parts / materials of the EIP that, under current conditions, can hardly be further split, with a size no bigger than 1.2 mm (the size of 0805 chip) Pb, Hg, Cr, PBB, and PBDE ≤ 0.1 wt-% (excluded: DecaBDE) Cd ≤ 0.01 wt.-% related to the whole product!



China Pollution Act vs. RoHS summary

Product classification	Enforcement	China Pollution Act: March 1, 2007 (only labeling)	RoHS July 1, 2006
China Pollution Act vs. RoHS summary	Scope	All products mentioned in the product list, including medical devices, monitoring/control instruments, components	Electronic and Electric Equipment according categories set out in Annex of WEEE, bulbs and luminaries for household appliances except medical devices, monitoring/control instruments No components included
Labeling: when and how	Label	Green label or orange label, EPUP and content table, Packaging (acc. GB 18455-2001)	NO
Labeling of Cinterion products	Maximum Concentration Limits (MCV)	Basically same as RoHS but 3 classifications of products affected Components: size-dependent classifications EIP-A/EIP-C	0,1 wt% Pb, Hg, Cr6+, PBB, PBDE, 0,01 wt% Cd per homogeneous material
	Exemptions	No exemption for applications, products might be controlled by key product catalogue	28 different exemptions, application dependent
	Certification	Not fixed yet: Probably yes, CCC like, including analytical testing, by certain Chinese labs	No



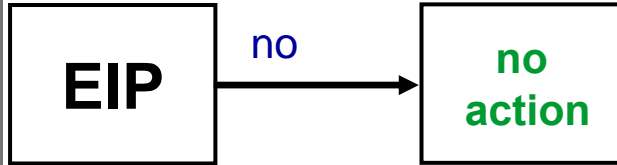
Labeling: when and how

Product classification

China Pollution Act vs. RoHS summary

Labeling: when and how

Labeling of Cinterion products



EIP = Electronic Information Product
 CHS = Content of Hazardous Substances:
 Pb, Hg, Cd, Cr⁶⁺, PBB, PBDE

no label, but information to buyer (Supplier Declaration of Compliance (SDOC), U'Specs)

Cinterion Wireless modules don't need to be labeled with EPUP logo on the module due to the small size (surface < 5.000 mm²).



No exemption granted!



Course classification	Chemical substance symbol					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Mixing substrate	X	o	o	o	o	o
Catalist	o	o	X	o	o	X
Cathode-ray tube	X	o	o	o	o	o
Speaker	o	o	o	X	o	o

Shown "EPUP" with use period of 20 years is defined for telecommunication products like wireless modules or terminals



Labeling of Cinterion Wireless Module products

Modules

No label on the product, but information need to be provided to buyer (Supplier Declaration of Compliance (SDOC), or Internet download information)

Course classification	Chemical substance symbol					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Mounting substrates	X	o	o	o	o	o
Cabinet	o	o	X	o	o	X
Cathode-ray tube	X	o	o	o	o	o
Speaker	o	o	o	X	o	o

Content table available on Cinterion Internet

Terminals

Terminals are labeled with EPUP 20 years. Content table is issued in Cinterion HID.

Course classification	Chemical substance symbol					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Mounting substrates	X	o	o	o	o	o
Cabinet	o	o	X	o	o	X
Cathode-ray tube	X	o	o	o	o	o
Speaker	o	o	o	X	o	o



According to the “Chinese Administration on the Control of Pollution caused by Electronic Information Products” (ACPEIP) the EPUP, i.e., Environmental Protection Use Period, of Cinterion wireless modules as well as terminals is 20 years as per the symbol shown here, unless otherwise marked. The EPUP is valid only as long as the product is operated within the operating limits described in the Cinterion HW Interface Description.

Product classification

China Pollution Act vs. RoHS summary

Labeling: when and how

Labeling of Cinterion products