



Avaya Product Design and Compliance

Design for Environment (DfE) Guidelines and Requirements

As part of the Avaya Environmental Management System (EMS) and ISO-14001 certification, the requirements of the environmental legislation / regulations that apply to Avaya products are incorporated into the Avaya Design for Environment Guidelines and Requirements. In this way, Avaya personnel check that Avaya-designed products are compliant with the relevant environmental legislation / regulations from the beginning of the new product introduction process. Third party products selected for Avaya solutions are also evaluated to confirm that they comply with relevant environmental legislation / regulations.

RoHS

As part of our commitment to the environment, Avaya designs its products using materials that comply with the European Union's Restrictions of Hazardous Substance (RoHS) Directive and China RoHS Regulations.

What is the RoHS Directive?

The European Union's Restriction of the use of Certain Hazardous Substances (RoHS) went into effect on July 1, 2006 and has been subsequently updated with these substances banned or restricted:

- Lead
- Cadmium
- Mercury
- Polybrominated biphenyls (PBB)
- Polybrominated diphenylethers (PBDE)
- Hexavalent chromium
- Bis(2-ethylhexyl) phthalate (DEHP)*
- Butyl benzyl phthalate (BBP)*
- Dibutyl phthalate (DBP)*
- Diisobutyl phthalate (DIBP)*

*Directive 2015/863 added these four substances which does not take effect until July 22, 2019 (except where there are exemptions permitted in Annex II which typically do not apply to Avaya products).

Avaya began an initiative to help ensure its products satisfy the EU RoHS Directive globally in 2003. Our suppliers play a significant role in helping to ensure that this commitment is met. Avaya monitors its suppliers to help ensure their compliance with applicable laws, regulations and policies including environmental specifications for hardware parts and products.

China RoHS

The first phase of the China RoHS Regulations was incorporated into Chinese legislation in March 2007. Unlike the EU RoHS directive, the first phase of the China RoHS Regulations does not require the removal of the six (6) restricted, hazardous substances (i.e. lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs)) from the Electrical and Electronic Products (EEPs). However it does require labeling of the EEPs, including a Table of Toxic Substances (TTS) in the product documentation and labeling of the packaging.

What Avaya Customers Can Expect

In those countries/regions where compliance with the RoHS Directive is mandated, customers can expect the applicable Avaya designed and Avaya branded OEM (original equipment manufacturer) products whether purchased from Avaya directly or from an authorized Avaya Partner to be compliant with the Directive. Furthermore, Avaya customers can expect our RoHS products to offer similar functionality and performance as those products put on the market by Avaya before the RoHS Directive.

Registration, Evaluation, Authorization and Restriction of Chemical (REACH) substances

The EU REACH is the Registration, Evaluation, Authorization and Restriction of Chemical (REACH) substances. Based on inquiries of Avaya suppliers, Avaya products and product packaging do not contain the chemical substances included on the European Chemical Agency's (ECHA's) candidate list of REACH Substances of Very High Concern (SVHC) in concentrations of 0.1% or more by weight with these exceptions:

REACH SVHC

	Bis (2-ethylhexyl) phthalate (DEHP)	Dibutyl phthalate (DBP)	Benzyl butyl phthalate (BBP)	Lead monoxide (PbO)	Diboron trioxide	2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol	Bisphenol A; BPA	Lead difluoride	1-methyl-2-pyrrolidone
Avaya products	CAS No. 117-81-7	CAS No. 84-74-2	CAS No. 85-68-7	CAS No. 1317-36-8	CAS No. 1303-86-2	CAS No. 25973-55-1	CAS No. 80-05-7	CAS No. 7783-46-2	CAS No. 872-50-4
Keyboard	Yes	No	No	No	No	No	No	No	No
Optical mouse	Yes	No	No	No	No	No	No	No	No
Monitor	Yes	No	No	No	No	No	No	No	No
Server	Yes	No	No	No	No	No	No	No	No
Battery Module	Yes	No	No	No	No	No	No	No	No
Uninterruptable Power Supply	Yes	No	No	Yes	No	No	No	No	No
Headset	Yes	No	No	No	No	No	No	No	No
Headset Accessories	Yes	No	No	No	No	No	No	No	No
Cord/Cables	Yes	No	No	No	No	Yes	No	No	No
Adapter	Yes	No	No	No	No	No	No	No	No
Repeater	Yes	Yes	Yes	No	No	No	No	No	No
CH 608 Cordless Phone Set	Yes	Yes	Yes	No	No	No	No	No	No
Konftel 250/300 Conference phones	No	No	No	Yes	Yes	No	No	No	No
than	No	No	No	Yes	No	No	No	No	No
Cpj2	No	No	No	Yes	Yes	No	No	No	No
IPO 500v2 Control Unit Assy	No	No	No	Yes	No	No	No	No	No
700512392, J129D01A-1015 IP Phone, J129 Global	No	No	No	Yes	Yes	Yes	No	No	No
PWR SUPPLY 11xx, 12xx, 16xx	No	No	No	Yes	No	No	No	No	No
VSP 9000 Series	No	No	No	No	No	No	Yes	No	No
IP Phone 9600 series	No	No	No	No	No	No	Yes	No	No
Scopia XT1000	No	No	No	No	No	No	Yes	Yes	Yes
G430 & G450 Gateway	No	No	No	No	No	No	Yes	No	Yes
CPOD	No	No	No	No	No	No	Yes	No	No
9000 series SFP + Module	No	No	No	No	No	No	Yes	No	No

This information is updated as new substances are added to the candidate list or additional information is received from our supply base.

Contacts

For questions regarding RoHS, REACH or Prop 65 compliant Avaya products or product availability, please contact your Avaya representative or one of our authorized business partners.

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