



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 with these substances subsequently banned or restricted:

- Lead
- Cadmium
- Mercury
- Polybrominated biphenyls (PBB)
- Polybrominated diphenylethers (PBDE)
- Hexavalent chromium

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 regulation is the Registration, Evaluation, Authorization and Restriction of Chemical (REACH) substances. Based on inquiries of Avaya suppliers, the products in the table below include components (such as connectors, capacitors, cable assemblies, integrated circuits, plastics and metal alloys) which may contain Substances of Very High Concern (SVHCs) in concentrations at or above 0.1% weight by weight:

REACH SVHC Name/CAS#	Accessories	Analog Phone	Button Module	Cable	DECT Device	Digital Phone	Gateway	IP Endpoint	Power Component
1,2-DIMETHOXYETHANE 110-71-4							X		
2-ETHOXYETHYL ACETATE 111-15-9					X		X		
SILICIC ACID, LEAD SALT 11120-22-2	X						X	X	
HEXAHYDROMETHYLPHTHALIC ANHYDRIDE 25550-51-0							X	X	
BENZENE-1,2,4-TRICARBOXYLIC ACID 1,2-ANHYDRIDE 552-30-7							X		
OCTAMETHYLCYCLOTETRASIOXANE 556-67-2								X	
1,2-BENZENEDICARBOXYLIC ACID, DI-C7-11-BRANCHED AND LINEAR ALKYL ESTERS 68515-42-4							X		
1,2-BENZENEDICARBOXYLIC ACID, DI-C6-8-BRANCHED ALKYL ESTERS, C7-RICH 71888-89-6				X					
LEAD 7439-92-1	X	X	X	X	X	X	X	X	
4,4'-ISOPROPYLIDENEDIPHENOL 80-05-7	X						X	X	
CYCLOHEXANE-1,2-DICARBOXYLIC ANHYDRIDE 85-42-7						X	X	X	X
1-METHYL-2-PYRROLIDONE (NMP) 872-50-4							X	X	
4-METHYL-M-PHENYLENEDIAMINE (TOLUENE-2,4-DIAMINE) 95-80-7							X	X	

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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