

EU ROHS RESTRICTED SUBSTANCES ARE PLANNED TO BE ADDED TO 12 IN THE FOURTH QUARTER OF 2022

Recently, the European Commission published an initiative on its official website, proposing to add tetrabromobisphenol A (TBBP-A) and medium-chain chlorinated paraffins (MCCPs) to the EU RoHS restricted substances list.

At present, the draft act has not been released, and the relevant public consultation has not yet been opened. The European Commission is expected to make a final decision in the fourth quarter of 2022.

Background:

As early as March 2021, Oeko-Institut e.V had released the final evaluation report of Pack 15, in which seven substances including tetrabromobisphenol A (TBBP-A) and medium chain chlorinated paraffin (MCCPs) were evaluated. Finally, tetrabromobisphenol A (TBBP-A) and medium chain chlorinated paraffin (MCCPs) are recommended to be included in the list of restricted substances in Annex II of RoHS. The reason is that these two substances are at risk of significant exposure hazards to workers, consumers and the environment. The common uses of the substance and the recommended limits in the evaluation report at that time are as follows:

No.	Substance	Recommended Limit	Main Uses
1	MCCPs (C14-17) EC: 287-477-0 CAS: 85535-85-9	0.1 % by in homogenous material.	PVC plasticiser and flame retardan; and flame retardan in polyurethane, polysulphide, acrylic and butyl sealants and adhesives.
2	TBBP-A EC: 201-236-9 CAS: 79-94-7	0.1 % by in homogenous material; Reactive TBBP-A applications and in particular its use as a component of FR4 PWB is not subject to the recommended restriction.	A precursor in the production of brominated epoxy resins that function as reactively flame-retarded substrate in PWB. An additive flame retardant in thermoplastic components, for example, housings that consist of ABS.



CTI Suggestion

The EU RoHS Directive currently has great influence around the world. The EU RoHS Directive is included in the RoHS regulations in many regions of the world. The revision of the EU RoHS Directive will have a great impact on the electrical and electronic industry. Relevant companies need to focus on and keep track of the revision of the EU RoHS Directive, keep up with the development of the RoHS Directive, and take countermeasures in advance in international trade.

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