



EU RoHS stakeholder consultation on 7 new substance restrictions

On April 20, 2018, a stakeholder consultation was launched by Oeko-Institut on seven substances which are assessed in order to review and amend the RoHS Annex II list of restricted substances as part of the RoHS project “Pack 15” .



The RoHS work plan “Study for the review of the list of restricted substances and to assess a new exemption request under Directive 2011/65/EU (RoHS 2.0) – Pack 15” includes three objectives – updating existing methods for the identification and assessment of substances, evaluation of restricted substances, and determine the use of substances in EEE and develop a list of priority substances. The substances in the list may be considered by the European Union for inclusion in the RoHS restricted substances list.

The first and second consultations on the seven substances Oeko-Institut were completed and are now closed. The third consultations are around the corner and planned to be launched in fall 2018 respectively. Stakeholders can submit technical evidence of relevant substances during the consultation period, including information on the use of substances and potential substitutes. The 7 public consultation substances and their common applications are as follows.



Substance	CAS No.	EC No.	Common Applications
Diantimony trioxide (Sb ₂ O ₃)	1309-64-4	215-175-0	Flame retardants; glass, enamel, functional ceramics, semiconductors, paints, coatings, coatings, etc.
Tetrabromobisphenol A (TBBP-A)	79-94-7	201-236-9	Reactive & additive flame retardant in PCB & packaging polymeric materials
Indium phosphide (InP)	22398-80-7	244-959-5	Semiconductors, Laser diodes, LEDs, Heterojunction bipolar transistors, Communication components, Solar cells, High-performance integrated circuits



Medium Chain Chlorinated paraffins (MCCPs)	85535-85-9	287-477-0	Plasticizer with flame-retardant properties in wire / cable, adhesives / sealants & paints / varnishes
Beryllium and its compounds	/	/	Beryllium alloy, Cerium oxide ceramics, Semiconductors
Nickel sulphate and Nickel sulfamate	7786-81-4 13770-89-3	232-104-9 237-396-1	Nickel plating, Metal surface treatment, Batteries, Nickel salt
Cobalt dichloride and Cobalt sulphate	7646-79-9 7791-13-1 10026-24-1 10124-43-3	231-589-4 233-334-2	Surface Treatment Plating, Inorganic Pigments, Glass, Ceramics, Varistors, Magnets, Sintering Processes

Official Links : <http://rohs.exemptions.oeko.info/index.php?id=127>

HCT solutions

The EU RoHS Directive is the basic regulation in the field of electrical and electronic. The EU has convened stakeholder consultations on seven new substances. It is another major action taken by the EU after the inclusion of four phthalates in the list of RoHS-restricted substances. Limiting 17 substances, the electronic and electrical field will set off a new round of environmental protection storms.

Relevant electronic and electrical upstream and downstream enterprises need to pay close attention to the dynamics of the RoHS directive. Investigate the use of 7 consulting substances in the supply chain, understand the current situation in the industry, collect information from all parties, and promptly report the information to Oeko-Institut. At the same time, evaluate the use of these substances in the company's products, and actively seek out alternative materials and/or improvement programs for the use, and take good control in advance.

HCT has a professional technical team and rich experience in RoHS control. At present, our company has the ability to test the consultations on 7 new substances, and can provide testing services, we hope to help all of you win at the starting point.

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