

## 4 Phthalates listed as restricted substances under RoHS 2

Further to our newsletter 03/15/TCD regarding the amendments to RoHS 2, it is a reminder that the European Commission has approved the inclusion of 4 phthalates, including DEHP, BBP, DBP and DIBP, into the list of restricted substances under RoHS 2 (Commission Directive 2011/65/EU).

EU member countries are required to publish the laws to comply with this Directive by December 2016 and apply these laws starting from 22 July 2019.

**Approved amendments to Annex II of RoHS 2:** *(The highlighted are the four phthalates added to the list.)*

Restricted Substance	Acronym	Requirements (% by weight per homogeneous material)
Lead	Pb	≤0.1
Cadmium	Cd	≤0.01
Mercury	Hg	≤0.1
Chromium VI	Cr(VI)	≤0.1
Polybrominated biphenyls	PBBs	≤0.1
Polybrominated diphenyl ethers	PBDEs	≤0.1
<b>Bis (2-ethylhexyl) phthalate</b>	<b>DEHP</b>	<b>≤0.1</b>
<b>Butyl benzyl phthalate</b>	<b>BBP</b>	<b>≤0.1</b>
<b>Dibutyl phthalate</b>	<b>DBP</b>	<b>≤0.1</b>
<b>Diisobutyl phthalate</b>	<b>DIBP</b>	<b>≤0.1</b>

*\* The restriction of DEHP, BBP and DBP shall not apply to toys which are already subjected to the restriction of DEHP, BBP and DBP through entry 51 of Annex XVII to REACH Regulation (EC) No 1907/2006.*

### Enforcement Details:

Product category	Enforcement Date
	Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, DEHP, BBP, DBP and DIBP
Electrical and electronic equipment (including electrical toys)	22 July 2019
Medical devices	22 July 2021
In vitro diagnostic medical devices	
Monitoring and control instruments (including Industrial monitoring and control instruments)	

STC (The Hong Kong Standards and Testing Centre) is a not-for-profit, independent testing, inspection and certification organization. With a global network of ISO/IEC 17025 accredited testing laboratories and over 50 years of experience in consumer product testing, we can meet your conformity assessment needs with highly efficient and reliable service.

For more information, please contact our Toys and Children's Products Department.

Tel: +852 2666 1817 / 2666 1863 / 2666 1895

Fax: +852 2663 9612

E-mail: [hktcd@stc.group](mailto:hktcd@stc.group)