



Consumer products

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ISO published <Safety of toys -- Part 6: Certain phthalate esters in toys and children's products>



22 July 2014, ISO published <Safety of toys -- Part 6: Certain phthalate esters in toys and children's products> (ISO 8124-6) . ISO 8124-6:2014 specifies a method for the determination of phthalates in toys and children's products which is applicable to toys and children's products that are made of plastics, textiles, and coatings, etc.. This International Standard has not set out limits for phthalates. It is intended to be used as a method standard in conformity assessment. The user of ISO 8124-6 is therefore advised to be aware of relevant national requirements.

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). It set out ISO 8124 series for the toys in which the definition of the toy is a plaything for children under 14 years of age.

Contact Us

Web: <http://www.hct-test.com/>

Hotline: 400-0066-989

T: (86) 755 8416666

Email: service@hct-test.com

Add: 3rd floor, Block D, Peng Litai Industrial Estate, Long

Pingxi Road, Longgang District Shenzhen City.

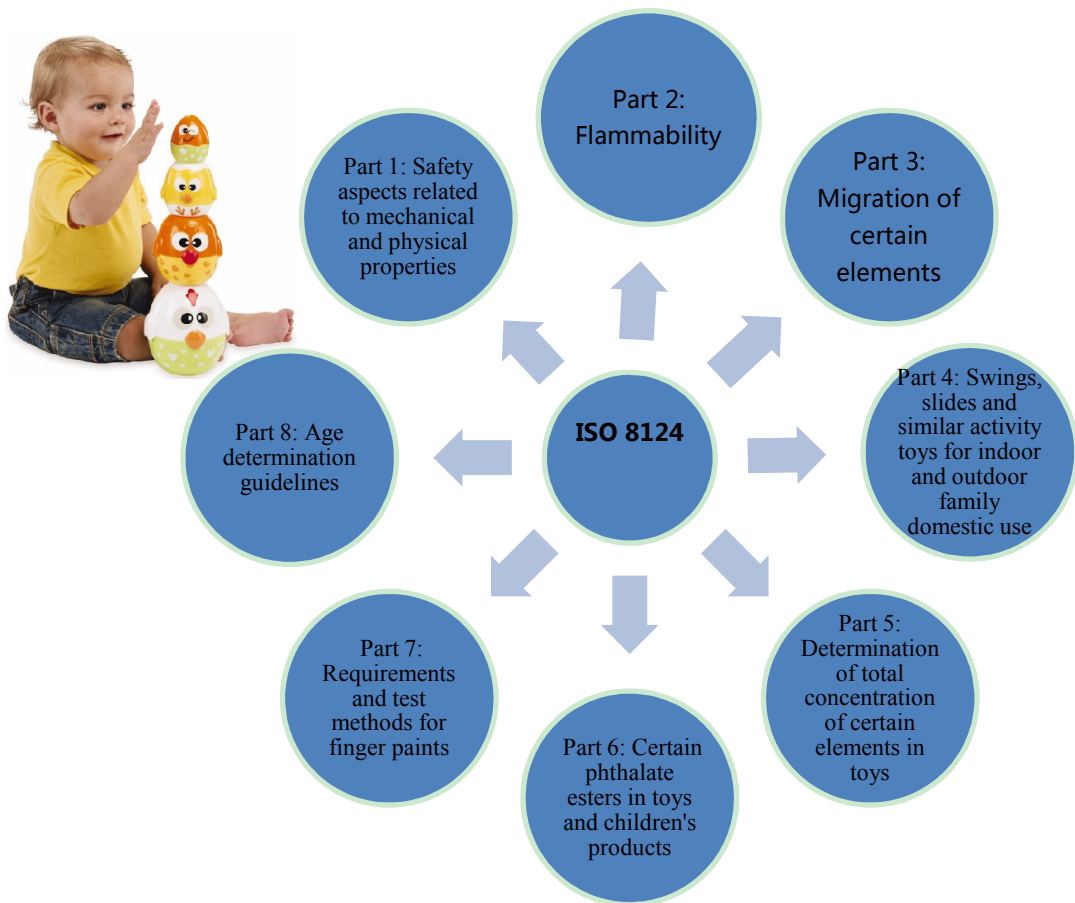
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Phthalates involved in ISO 8124-6:

Substances	CAS No.	Formula
di-n-butyl phthalate (DBP)	84-74-2	$C_{16}H_{22}O_4$
benzyl butyl phthalate (BBP)	85-68-7	$C_{19}H_{20}O_4$
bis-(2-ethylhexyl) phthalate (DEHP)	117-81-7	$C_{24}H_{38}O_4$
di-n-octyl phthalate (DNOP)	117-84-0	$C_{24}H_{38}O_4$
di-iso-nonyl phthalate (DINP)	28553-12-0	$C_{26}H_{42}O_4$
	68515-48-0	
di-iso-decyl phthalate (DIDP)	26761-40-0	$C_{28}H_{46}O_4$
	68515-49-1	

ISO 8124 include below parts:



HCT advises:

Phthalates are mainly exist in plastics and coating, toys relevant export enterprises should make an effort to use environmental plasticizer to ensure product quality from the resources and thus reduce the export risks. Also enterprises should initiatively learn the foreign relative laws and regulations thoroughly to help further improve the manufacturing technique.