



Consumer product safety

HCT-201703-01

REACH Annex XVII newly added decaBDE requirement

10 February 2017, EU published Official Journal L 35/6, delivered (EU) 2017/227, amending REACH Annex XVII, newly added Entry 67 to restrict the use of decaBDE, Details are listed below:

In Annex XVII to Regulation (EC) No 1907/2006, the following entry is added:

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
<p>67.</p> <p>Bis(pentabromophenyl)ether (decabromodiphenyl ether; decaBDE)</p> <p>CAS No 1163-19-5</p> <p>EC No 214-604-9</p>	<ol style="list-style-type: none"> 1. Shall not be manufactured or placed on the market as a substance on its own after 2 March 2019. 2. Shall not be used in the production of, or placed on the market in: <ol style="list-style-type: none"> (a) another substance, as a constituent; (b) a mixture; (c) an article, or any part thereof, in a concentration equal to or greater than 0,1 % by weight, after 2 March 2019. 3. Paragraphs 1 and 2 shall not apply to a substance, constituent of another substance or mixture that is to be used, or is used: <ol style="list-style-type: none"> (a) in the production of an aircraft before 2 March 2027. (b) in the production of spare parts for either of the following: <ol style="list-style-type: none"> (i) an aircraft produced before 2 March 2027; (ii) motor vehicles within the scope of Directive 2007/46/EC, agricultural and forestry vehicles within the scope of Regulation (EU) No 167/2013 of the European Parliament and of the Council (*1) or machinery within the scope of Directive 2006/42/EC of the European Parliament and of the Council (*2), produced before 2 March 2019. 4. Subparagraph 2(c) shall not apply to any of the following: <ol style="list-style-type: none"> (a) articles placed on the market before 2 March 2019; (b) aircraft produced in accordance with subparagraph 3(a); (c) spare parts of aircraft, vehicles or machines produced in accordance with subparagraph 3(b); (d) electrical and electronic equipment within the scope of Directive 2011/65/EU. 5. For the purposes of this entry 'aircraft' means one of the following: <ol style="list-style-type: none"> (a) a civil aircraft produced in accordance with a type certificate issued under Regulation (EU) No 216/2008 of the European Parliament and of the Council (*3) or with a design approval issued under the national regulations of a contracting State of the International Civil Aviation Organisation (ICAO), or for which a certificate of airworthiness has been issued by an ICAO contracting State under Annex 8 to the Convention on International Civil Aviation; (b) a military aircraft.



decaBDE main application :

decaBDE mainly used in textile, adhesive, sealant, ink, paint and coating as the flame retardant. It is widely used in below products for it's good fire protecting performance:

1. EEE products:

Normally seen in:



PCB



Plastic in household electrical appliances

2. Textile



HCT SOLUTIONS :

(EU) 2017/227 will enter into force on the twentieth day following that of its publication in the Official Journal of the European Union. If the concentration of decaBDE is equal to or greater than 0,1 % by weight, related substance, mixture or article should not be produced or placed on the market. Electrical and electronic equipment within the scope of RoHS are exempted from this requirement. HCT remind related enterprises to pay attention to the decaBDE content in products to make sure of the regulation compliance.

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