



Consumer products

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## 5 restricted substances added to EU toys directive

24 November 2015 , EU Official Journal published directives (EU) 2015/2115, (EU) 2015/2116 and (EU) 2015/2117 amending Appendix C to Annex II to Directive 2009/48/EC, officially added 5 new restricted substances.

Appendix C to Annex II to Directive 2009/48/EC specifies the restricted requirements to the limit of hazardous substances in toys providing to children under 36 months and the toys that can be put into mouth. The 5 newly added substances are listed as below:

Substance	CAS No.	Limit	Implement date
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	1 mg/kg (content limit) in aqueous toy materials	2017-11-24
5-Chloro-2-methyl-isothiazolin-3(2H)-one	26172-55-4	0,75 mg/kg (content limit) in aqueous toy materials	2017-11-24
2-methylisothiazolin-3(2H)-one	2682-20-4	0,25 mg/kg (content limit) in aqueous toy materials	2017-11-24
1,2-benzisothiazol-3(2H)-one	2634-33-5	5 mg/kg (content limit) in aqueous toy materials, in accordance with the methods laid down in EN 71-10:2005 and EN 71-11:2005'	2017-05-24
Formamide	75-12-7	20 µg/m3 (emission limit) after a maximum of 28 days from commencement of the emission testing of foam toy materials containing more than 200 mg/kg (cut-off limit based on content).'	2017-05-24

### HCT Solutions:

The amendments are mostly concerning about the preservative ingredients BIT in the liquid toys such as child fascinating paints and color paints, the formamide used in foam toys such as the puzzle. Those chemicals are the main allergen that would come in contact with consumers. Related enterprises should pay great attention to above substances content in the products. HCT has the CNAS qualification and could help enterprises to provide toys testing services.

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