



# 行业简讯 NEWSLETTER

## Updates of EN 71-3 Migration of Certain Elements

### 1. Amendment to EN 71-3:2013 ‘Migration of Certain Elements’

European Committee for Standardization published the toy safety standard EN 71-3:2013+A1:2014 in October 2014. The changes do not alter the migration limits from toy materials but specify precise pH measurement during sample preparation and corrections/modifications in some analytical requirements. Upon acceptance by the European Commission (EC) and announcement in the Official Journal of the European Union (OJEU), the new standard will be harmonized under the Toy Safety Directive 2009/48/EC (TSD).

#### Changes in EN 71-3:2013+A1:2014

| Chapter/Annex   | Amendments  |
|---|---|
| Chapter 7.4.2.1 / 7.4.2.2 / 7.4.3.1 / 7.4.3.3 and 7.4.3.5 | pH value shall be maintained at $1.2 \pm 0.1$ during sample preparation   |
| Chapter 9.3.2   | Molecular weights and relative molecular weights of organic tin compounds is corrected in table 3                     |
| Annex G   | Required portions, weighing factors and relative molecular weights of organic tin compounds is corrected in table G.2 |
| Annex J   | Dimethyl tin-bis(2-ethylhexylmercaptoacetate) is deleted as further organic tin compound in table J.1                 |
| Annex H   | Use of UV-Vis Spectrometer with integrating sphere for measuring migration of chromium (VI) is allowed                |

### 2. EC requested Germany to fully implement EU toy legislation

On 15 May 2014, the request from Germany to keep its national standards for arsenic, antimony and mercury was overruled by the European General Court. European Commission stated that the EU’s Toy Safety Directive (TSD) can protect children better as it is based on latest scientific developments and incorporates a modern and coherent approach to manage the chemical risks children exposed to through toys. In October 2014, the Commission has urged Germany to bring compliance to the EU TSD in 2 months, or else the case may be referred to the EU Court of Justice.





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## 3. Proposal to Amend Toy Safety Directive 2009/48/EC on Lead Limits

To ensure alignment to the latest scientific evidence and enhance children's safety, the European Commission (EC) has published a draft Directive to amend the current lead limits in toys by amending Annex II to the Toy Safety Directive 2009/48/EC. The amendment shall be effective 18 months after publicizing in the Official Journal of the European Union.

### Proposed lead limits under Annex II to Directive 2009/48/EC

|                      | In dry brittle, powder like or pliable toy material (mg/kg) | In liquid or sticky toy material (mg/kg) | In scraped –off toy material (mg/kg) |
|----------------------|---|--|--------------------------------------|
| Current Lead limits  | 13.5  | 3.4                                      | 160                                  |
| Proposed Lead limits | 2.0   | 0.5                                      | 23                                   |

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