

SAFEGUARDS

CONSUMER GOODS AND RETAIL

TOYS & JUVENILE PRODUCTS

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CEN PUBLISHES AMENDMENT TO EN 71-3:2013 'MIGRATION OF CERTAIN ELEMENTS'

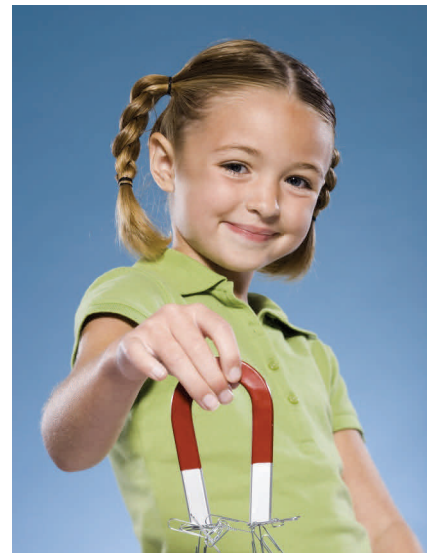
The European Committee for Standardisation (CEN) has recently published the toy safety standard EN 71-3:2013+A1:2014 INCORPORATING CORRIGENDA JULY 2013 AND OCTOBER 2014. The amendment provides important changes to procedures for sample preparation and instrumentation.

In June 2013, the new toy safety standard **EN 71-3:2013 'Safety of Toys Part 3: Migration of Certain Elements'** was published by the Comité Européen de Normalisation (CEN, European Committee for Standardisation). This standard was harmonised by the EU Commission for presumption of conformity with the Toy Safety Directive 2009/48/EC (TSD)¹.

In July 2013, '**EN 71-3:2013 incorporating corrigendum July 2013**' was published. This version of the standard incorporated editorial amendments to indicate that 2 amendments are being planned:

1. A 'fast track' CEN unique acceptance procedure (UAP) to provide further details on
 - pH control and adjustment
 - Importance of ensuring test portion is wetted and remains well dispersed during agitation
 - Means of agitation
2. Normal CEN amendment process to identify and implement further method improvements, including instrumentation techniques for the quantitation of chromium (VI) under category I and II toy materials

In October 2014, the CEN published the toy safety standard **EN 71-3:2013+A1:2014 incorporating corrigenda July 2013 and October 2014**. This new standard is now available on a commercial basis at the national standards organisations such as the British Standards Institution (BSI)². It is expected that this new standard will be harmonised under the Toy Safety Directive 2009/48/EC (TSD) upon official



¹ [SGS-SafeGuards 111/13](#),
[SGS-SafeGuards 123/13](#)

² [British Standards Institution](#)

acceptance by the European Commission (EC) and by publication in the Official Journal of the European Union (OJEU).

The new standard EN **71-3:2013+A1:2014** has a number of important changes, including

- Maintaining the pH value at 1.2 ± 0.1 during sample preparation of toy materials
- Molecular weight of organic tin cations, including Relative Molecular Weight as compared to tributyltin (TBT) (Table 3)
- Required portions of organic tin compounds, and their weighing factors, corresponding to 100 mg of organic tin cations (expressed as TBT cation) (Table G.2)
- Inclusion of UV-Vis Spectrometer with integrating sphere as an alternative analytical technique for chromium (VI)

SGS offers a wide range of services to ensure that your products comply with the EU Toy Safety Directive. We offer training, safety/risk assessment, technical documentation check, labelling review, testing according to harmonised standards,

SVHC screening, inspections and audits. With the largest global network of toy experts and testing facilities around the world - around 20 toy labs worldwide including 4 EU Notified Bodies (France, UK, Germany and Netherlands), SGS is the partner to trust. Please do not hesitate to contact us for further information or [visit our website](#).



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