

SAFE GUARDS

SGS CONSUMER TESTING SERVICES

TOYS & JUVENILE PRODUCTS

NO. 117/13 JULY 2013

CEN PUBLISHES NEW TOY SAFETY STANDARD EN 71-12:2013 FOR NITROSAMINES AND NITROSATABLE SUBSTANCES

The CEN recently published the new toy safety standard EN 71-12:2013 for n-nitrosamines and n-nitrosatables. The standard was harmonised under the Toy Safety Directive 2009/48/EC (TSD) on 29 June 2013.

In May 2013, we informed you that the toy safety standard EN 71-4:2013 'Experimental sets for chemistry and related activities' was a harmonised standard under the Toy Safety Directive 2009/48/EC (TSD)¹.

In June 2013, both the new toy safety standard EN 71-3:2013 'Safety of Toys Part 3: Migration of certain elements' and the new toy safety standard EN 71-5:2013 'Safety of Toys Part 5: 'Chemical toys (sets) other than experimental sets'² were published by the *Comité Européen de Normalisation* (CEN, European Committee for Standardisation). In June 2013, CEN also published the completely new toy safety standard EN 71-12:2013 'Safety of toys Part 12: n-Nitrosamines and n-nitrosatable substances' to accommodate the requirements for:

- toys intended for use by children under 36 months or
- other toys intended to be placed in the mouth

The new standard EN 71-12:2013 is now available on a commercial basis at the national standards organisations such as the British Standards Institution (BSI)³. On 29 June 2013 the standards EN 71-12, EN 71-5 and EN 71-3 were published in the Commission Communication 2013/C 187/09 of the Official Journal of the European Union (OJEU)⁴. With this publication the standards are harmonized. This means that the standards now provide legal compliance to the Toy Safety Directive 2009/48/EC.

Highlights of the new standard are summarised in Table 1.



¹ [SafeGuards 091/13](#)

² [SafeGuards116/13](#)

³ [BS EN 71-12:2013. Safety of toys. N-Nitrosamines and N-nitrosatable substances](#)

⁴ [Commission communication in the framework of the implementation of Directive 2009/48/EC](#)

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TABLE 1.

NO.	ITEM	HIGHLIGHT
1	Title	EN 71-12:2013 'Safety of Toys Part 12: n-Nitrosamines and n-nitrosatable substances'
2	Scope	Requirements and test methods for n-nitrosamines and n-nitrosatable substances for <ul style="list-style-type: none"> toys and toy components manufactured from elastomers for children under the age of 36 months toys and toy components manufactured from elastomers and intended to be placed in the mouth Finger paints for children under the age of 36 months Examples of toys manufactured from elastomers are balloons and teethers
3	Principle	n-Nitrosamines and n-nitrosatable substances migrate into test liquid n-Nitrosatable substances are converted to n-nitrosamines by acidification Test liquid <ul style="list-style-type: none"> Water for n-nitrosamines in finger paints Saliva for n-nitrosatable substances in finger paints Saliva for n-nitrosamines and n-nitrosatable substances in elastomers
4	Analytical	Any suitable method such as <ul style="list-style-type: none"> HPLC-MSⁿ GC-TEA
5	Requirement (migration)	Finger paints ≤ 0.02 mg/kg (n-nitrosamines) ≤ 1.0 mg/kg (n-nitrosatable substances) Elastomers ≤ 0.05 mg/kg (n-nitrosamines) ≤ 1.0 mg/kg (n-nitrosatable substances)
6	Remark	EN 71-12:2013 is harmonised under the TSD by publication in the OJEU on 29 June 2013

SGS invites you to attend the 60-minute complimentary webinar "NEW TOY CHEMICAL REQUIREMENTS EFFECTIVE JULY 20, 2013: ARE YOU READY?" on 16 July 2013. Our experts will give you an overview of requirements you need to consider depending on where your toys are sold.

AGENDA

- Chemical Safety Assessment under the TSD
- Status of Toy Safety Standards
- Focus on EN 71-3: 2013, EN 71-5:2013, EN 71-12:2013
- Other chemical requirements (CMR, fragrances, etc)
- National legislation
- Other EU applicable legislation
- How SGS can help?
- Live Q&A session

[Click here to register for session 1:](#)

16 July 2013
 09:00 a.m. London
 10:00 a.m. Paris, Berlin, Madrid, Amsterdam
 04:00 p.m. Hong Kong

[Click here to register for session 2:](#)

16 July 2013
 04:00 p.m. London
 05:00 p.m. Paris, Berlin, Madrid, Amsterdam
 11:00 a.m. New York

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 5 EU Notified Bodies (France, UK, Germany, Netherlands and Turkey), SGS is the partner to trust. Please do not hesitate to contact us for further information or [visit our website](#)



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WHEN YOU NEED TO BE SURE

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