



SLOVENSKI STANDARD

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Varnost igrač - 13. del: Vohalne igralne plošče, kozmetični seti in okušalne igre

Safety of toys - Part 13: Olfactory board games, cosmetic kits and gustative games

Sicherheit von Spielzeug - Teil 13: Brettspiele für den Geruchsinn, Kosmetikkoffer und Spiele für den Geschmacksinn

Sécurité des jouets - Partie 13: Jeux de table olfactifs, ensembles cosmétiques et jeux gustatifs

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EUROPEAN STANDARD
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Safety of toys - Part 13: Olfactory board games, cosmetic kits and gustative games

Sécurité des jouets - Partie 13: Jeux de table olfactifs, ensembles cosmétiques et jeux gustatifs

Sicherheit von Spielzeug - Teil 13: Brettspiele für den Geruchssinn, Kosmetikkoffer und Spiele für den Geschmacksinn

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 52.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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prEN 71-13:2019 (E)**European foreword**

This document (prEN 71-13:2019) has been prepared by Technical Committee CEN/TC 52 “Safety of toys”, the secretariat of which is held by DS.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 71-13:2014.

This document has been prepared under a standardization request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive 2009/48/EC, see informative Annex ZA, which is an integral part of this document.

This Part 13 of the EN 71 series is intended to be read in conjunction with EN 71-1 and EN 71-3.

The significant changes from the previous edition of this standard are detailed in Annex E.

EN 71, *Safety of toys* consists of the following parts:

- *Part 1: Mechanical and physical properties;*
- *Part 2: Flammability;*
- *Part 3: Migration of certain elements;*
- *Part 4: Experimental sets for chemistry and related activities;*
- *Part 5: Chemical toys (sets) other than experimental sets;*
- *Part 7: Finger paints — Requirements and test methods;*
- *Part 8: Activity toys for domestic use;*
- *Part 9: Organic chemical compounds — Requirements;*
- *Part 10: Organic chemical compounds — Sample preparation and extraction;*
- *Part 11: Organic chemical compounds — Methods of analysis;*
- *Part 12: N-nitrosamines and N-nitrosatable substances;*
- *Part 13: Olfactory board games, cosmetic kits and gustative games;*
- *Part 14: Trampolines for domestic use.*

NOTE 1 In addition to the above parts of EN 71, the following guidance documents have been published: CEN Technical Report CEN/TR 15071, *Safety of toys - National translations of warnings and instructions for use in EN 71*, and CEN Technical Report CEN/TR 15371 (*all parts*), *Safety of toys – Interpretations*.

NOTE 2 Words in *italics* are defined in Clause 3 (Terms and definitions).

Introduction

This document EN 7113 is intended to reduce the risks and health hazards to a child when *olfactory board games*, *cosmetic kits* and *gustative games* are used as intended or in a foreseeable way, bearing in mind the behaviour of children.

During use of these toys, the hazards should be kept to a minimum by the provision of appropriate information to make the play safe and controllable. Therefore, this European Standard specifies warning phrases and instructions for use for these toys.

As a general rule, toys are designed and manufactured for particular ages of children. Their characteristics are related to the age and stage of development of the children, and their use presupposes certain aptitudes. Therefore, age requirements are given.

The requirements of this European Standard do not release parents or carers from their responsibility of watching over the child while he or she is playing. On the contrary, the use of these sets requires close supervision by adults.

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1 Scope

This document applies to *olfactory board games, cosmetic kits, gustative games* and supplementary sets. It specifies requirements on the use of substances and mixtures and in some cases on their amount and concentration in *olfactory board games, cosmetic kits, gustative games* and *supplementary sets* to such games or kits.

These substances and mixtures are:

- those classified as hazardous by the EC-legislation applying to hazardous substances [15] and hazardous mixtures [15];
- substances and mixtures which in excessive amounts could harm the health of the children using them and which are not classified as hazardous by the above-mentioned legislation; and
- any other chemical substance(s) and mixture(s) delivered with the set.

Furthermore, this document specifies allergenic fragrances which are prohibited in toys, marking requirements, in particular regarding allergenic fragrances, and requirements on a contents list, instructions for use, the equipment intended to be used during the activity and the use of highly flammable liquids.

This document does not apply to cosmetic toys such as play cosmetics for dolls.

NOTE The terms “substance” and “mixture” are defined in the REACH regulation (EC) No. 1907/2006 [14] and in the CLP regulation (EC) No. 1272/2008 [13].

2 Normative references (standards.iteh.ai)

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 71-1:2014+A1:2018, *Safety of toys — Part 1: Mechanical and physical properties*

EN ISO 868:2003, *Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness) (ISO 868:2003)*

EN ISO 8317:2015, *Child-resistant packaging - Requirements and testing procedures for reclosable packages (ISO 8317:2015)*

ISO 7619-1:2010, *Rubber, vulcanized or thermoplastic — Determination of indentation hardness — Part 1: Durometer method (Shore hardness)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

olfactory board game

toy, the purpose of which is to assist a child to learn to recognize different odours or flavours

Note 1 to entry: *Olfactory board games* include activities of smelling and/or tasting as olfactive recognition can be done by retro-olfaction.

3.2

cosmetic kit

toy, the purpose of which is to assist a child to learn to make products such as fragrances, soaps, creams, shampoos, bath foams, glosses, lipsticks, other make-up, toothpaste and conditioners

Note 1 to entry: Cosmetic kits (for all ages) with components to be mixed based on clear instructions, e.g. soap chips to be mixed with a colouring mixture and a fragrance mixture, or a cream base to be mixed with a perfuming mixture, are considered as finished cosmetic products. Therefore, the cosmetics legislation applies, and the kits are assessed, labelled, notified, etc., by the responsible person as multi-component cosmetic products. This is true for cosmetic kits as toys too and is in line with the TSD (see TSD, Annex II, Chemical Properties, No. 10).

3.3

gustative game

toy, the purpose of which is to allow children to make sweets or dishes which involve the use of food ingredients such as sweets, liquids, powders and aromas

Note 1 to entry: Commonly used terms for *gustative game* are “gustative kit” and “food kit”.

3.4

supplementary set

incomplete *olfactory board game*, *cosmetic kit* or *gustative game* which is intended to be used with a complete game or kit

3.5

packaging

material accompanying the toy when purchased but having no intended play function

4 Requirements (see A.4)

4.1 Olfactory board games

4.1.1 General

Olfactory board games shall be supplied with instructions for use and first aid information if applicable (see Clause 7).

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4.1.2 Substances and mixtures

4.1.2.1 Olfactory board games using substances and mixtures recognized as food flavours or food ingredients

Only substances and mixtures recognized as food flavours and food ingredients shall be used.

NOTE Food flavours and other food ingredients are subject to the relevant food legislation, e.g. Regulation (EC) No 178/2002 [7] (“general food law”), Regulation (EC) No 1334/2008 [6] (flavours), and Regulation (EC) No 1333/2008 [5] and Commission Regulation (EU) No 231/2012 [20] (food additives) and Regulation (EU) No 1169/2011 [8] (food information to consumers).

4.1.2.2 Olfactory board games using not only substances and mixtures recognized as food flavours or food ingredients

NOTE 1 With regard to the following requirements it is important to consider Regulation (EC) No. 1272/2008 [13].

Besides substances and mixtures recognized as food flavours and food ingredients also substances or mixtures classified after assessment as not hazardous to health under normal conditions of use, in particular regarding eye or skin contact, may be used.

NOTE 2 Food ingredients are subject to the relevant food legislation, e.g. Regulation (EC) No 1334/2008 [6] (flavours), and Regulation (EC) No 1333/2008 [5] and Commission Regulation (EU) No 231/2012 [20] (food additives), Regulation (EC) No 178/2002 [7] (“general food law”) and Regulation (EU) No 1169/2011 [8] (food information to consumers).

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4.1.2.3 Further requirements for all types of olfactory board games

If any preservatives are used in *olfactory board games* and *supplementary sets* for *olfactory board games*, they shall be assessed to be not hazardous to health under normal conditions of use.

NOTE 1 Regulation (EC) No 1223/2009 [2] and Regulation (EC) No 1333/2008 [5] contain requirements on the use of preservatives. It is important to consider these requirements in the assessment.

Olfactory board games and *supplementary sets* for *olfactory board games* for children below 36 months shall not contain any fragrance listed in Table 1. Other *olfactory board games* and *supplementary sets* for *olfactory board games* may contain the fragrances listed in Table 1. *Olfactory board games* and *supplementary sets* for *olfactory board games* involving tasting shall only contain substances allowed by food legislation, taking into account all legal requirements, especially specific limits given there.

NOTE 2 Certain substances, e.g. “coumarin”, are restricted/not permitted in Regulation (EC) No 1334/2008 [6].

If any of the fragrances specified in Table 1 are supplied in the *olfactory board game* or *supplementary set*, specific warning requirements apply (see Clause 6.1 and 6.3).

Olfactory board games and *supplementary sets* for *olfactory board games* shall not contain the allergenic fragrances listed in Table 2. However, the presence of traces of these fragrances is permitted provided that such presence is technically unavoidable under good manufacturing practice and does not exceed 100 mg/kg per fragrance.

NOTE 3 The lists of allergenic fragrances in Table 1 and Table 2 originate from Directive 2009/48/EC [1] (see A.1). The lists in Directive 2009/48/EC [1] are subject to change.

Table 1 — Allergenic fragrances which require a warning

Name of the allergenic fragrance	CAS number
Amyl cinnamal	122-40-7
Amylcinnamyl alcohol	101-85-9
Benzyl alcohol	100-51-6
Benzyl salicylate	118-58-1
Cinnamyl alcohol	104-54-1
Cinnamal	104-55-2
Citral	5392-40-5
Coumarin	91-64-5
Eugenol	97-53-0
Geraniol	106-24-1
Hydroxy-citronellal	107-75-5
Hydroxy-methylpentylcyclohexenecarboxaldehyde	31906-04-4
Isoeugenol	97-54-1
Oakmoss extracts	90028-68-5
Treemoss extracts	90028-67-4
Anisyl alcohol	105-13-5
Benzyl benzoate	120-51-4
Benzyl cinnamate	103-41-3
Citronellol	106-22-9
Farnesol	4602-84-0
Hexyl cinnamaldehyde	101-86-0
Lilial	80-54-6
d-Limonene	5989-27-5
Linalool	78-70-6
Methyl heptine carbonate	111-12-6
3-methyl-4-(2.6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5