



SLOVENSKI STANDARD SIST EN 71-13:2021

01-julij-2021

Nadomešča:
SIST EN 71-13:2014

Varnost igrac̃ - 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

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

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ICS:

97.200.50 Igrače

Toys

SIST EN 71-13:2021

en,fr,de

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EUROPEAN STANDARD

EN 71-13

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2021

ICS 97.200.50

Supersedes EN 71-13:2014

English Version

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 European Standard was approved by CEN on 19 March 2021.

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EN 71-13:2021 (E)**European foreword**

This document (EN 71-13:2021) has been prepared by Technical Committee CEN/TC 52 “Safety of toys”, the secretariat of which is held by DS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2021, and conflicting national standards shall be withdrawn at the latest by April 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes 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.

Additional information on the rationale for various requirements is given in Annex A.

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

This document constitutes the thirteenth part of the EN 71 series of standards on safety of toys.

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.*

It is up to the user of the standard to determine whether or not a toy is included in the scope of several of the above parts of the EN 71-series, and to apply each applicable standard accordingly. Normative references from one part of the EN 71-series to another, are therefore normally not provided in the individual parts.

NOTE 1 In addition to the above parts of EN 71, the following technical reports have been published:

- CEN/TR 15071, *Safety of toys — National translations of warnings and instructions for use in EN 71*, and
- CEN/TR 15371 (parts 1 and 2), *Safety of toys — Interpretations*;
- CEN/TR 16918, *Safety of toys — Children's mouthing behaviour in contact with toys*;
- CEN ISO/TR 8124-8, *Safety of toys — Part 8: Age determination guidelines*.

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

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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EN 71-13:2021 (E)**Introduction**

This document EN 71-13 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 document 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 document 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 [13] and hazardous mixtures [13];
- 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 8317:2015, *Child-resistant packaging - Requirements and testing procedures for reclosable packages (ISO 8317:2015)*

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 <https://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.

EN 71-13:2021 (E)**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

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 **ITeh STANDARD PREVIEW** (standards.iteh.ai)

4.1.1 General

Olfactory board games shall be supplied with instructions for use (see Clause 7) and first aid information if applicable (see Clause 8) <https://standards.iteh.ai/catalog/standards/sist/0d932e21-be5b-4860-9aac-ff068245f21/sist-en-71-13-2021>

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 [19] (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 which have been assessed to pose no risk under normal conditions of use taking into account the behaviour of children may be used.

NOTE 2 As an example, a substance classified as skin sensitizing which cannot come into contact with the skin may be acceptable.

NOTE 3 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), Regulation (EC) No 1333/2008 [5] and Commission Regulation (EU) No 231/2012 [19] (food additives) and Regulation (EU) No 1169/2011 [8] (food information to consumers).

4.1.2.3 Further requirements for all types of olfactory board games

Only preservatives which under intended and foreseeable use conditions have been assessed as having no risk taking into account the behaviour of children shall be used in *olfactory board games* and *supplementary sets for olfactory board games*.

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 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.