



SLOVENSKI STANDARD

SIST EN 71-13:2021+A1:2022

01-december-2022

Nadomešča:
SIST EN 71-13:2021

**Varnost igrac - 13. del: Vohalne igralne plošče, kozmetični seti in okušalne igre
(vključuje dopolnilo A1)**

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

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

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

<https://standards.iteh.ai/catalog/standards/sist/b550d53f-3491-43b1-b906-37148acce90b/sist-en-71-13-2021a1-2022>

Ta slovenski standard je istoveten z: EN 71-13:2021+A1:2022

ICS:

97.200.50 Igrače Toys

SIST EN 71-13:2021+A1:2022 en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 71-13:2021+A1

May 2022

ICS 97.200.50

Supersedes EN 71-13:2021

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 and includes Amendment 1 approved by CEN on 14 March 2022.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	4
Introduction	6
1 Scope	7
2 Normative references	7
3 Terms and definitions	7
4 Requirements (see A.4).....	8
4.1 Olfactory board games	8
4.1.1 General.....	8
4.1.2 Substances and mixtures.....	8
4.2 Cosmetic kits.....	11
4.2.1 General.....	11
4.2.2 Fragrances	12
4.2.3 Resulting products - Cosmetic Safety Requirements (see A.2).....	12
4.3 Gustative games.....	12
4.3.1 General.....	12
4.3.2 Substances and mixtures.....	12
4.3.3 Resulting products.....	13
4.3.4 Food allergens	13
5 Equipment	13
5.1 General.....	13
5.2 Containers and glassware	13
5.2.1 Glassware	13
5.2.2 Containers for fragrances, substances and mixtures.....	14
5.2.3 Child-resistant containers	14
5.3 Equipment for the transfer of liquid	14
5.4 Eye protection	15
6 Warnings and markings (see A.4 and A.7)	15
6.1 General markings and warnings.....	15
6.2 Markings on individual containers and individual packaging for reagents, substances or mixtures	19
6.3 Warning phrase for food allergens.....	19
6.4 Warning phrase when glass is used as container	20
7 Instructions for use	20
8 Contents list and first aid information	20
Annex A (informative) Rationale	21
A.1 Allergenic fragrances (see Clause 4, Table 1 and Table 2).....	21
A.2 Safety assessment for cosmetic kits (see 4.2.3)	21
A.3 Safety procedures	21
A.4 Requirements which need to be fulfilled when using certain fragrances (see Clause 4 and Clause 6).....	21
A.5 Current relevant directives and regulations on cosmetics and food stuff	22

A.6	Explanations of regulations relevant to this document.....	22
A.7	Markings, labelling and warnings	22
Annex B	(normative) Test method for identification of borosilicate glass	23
B.1	General	23
B.2	Apparatus	23
B.3	Procedure	23
Annex C	(informative) Environmental considerations	25
Annex D	(informative) Significant technical changes between this document and the previous version	26
Annex ZA	(informative) Relationship between this European Standard and the essential requirements of Directive 2009/48/EC aimed to be covered.....	28
Bibliography	29

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 71-13:2021+A1:2022

<https://standards.iteh.ai/catalog/standards/sist/b550d53f-3491-43b1-b906-37148acce90b/sist-en-71-13-2021a1-2022>

EN 71-13:2021+A1:2022 (E)

European foreword

This document (EN 71-13:2021+A1:2022) 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 November 2022, and conflicting national standards shall be withdrawn at the latest by November 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 A1 EN 71-13:2021 A1.

This document includes Amendment 1 approved by CEN on 14 March 2022.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

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;*

^{A1} — CEN/TR 17695, *Safety of toys — Mechanical and physical properties — Guidance on categorisation of projectile toys within EN 71-1*; ^{A1}

- 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).

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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.

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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 71-13:2021+A1:2022

<https://standards.iteh.ai/catalog/standards/sist/b550d53f-3491-43b1-b906-37148acce90b/sist-en-71-13-2021a1-2022>

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

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+A1:2022 (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

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).

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.



Table 1 — Allergenic fragrances which require a warning

Name of the allergenic fragrance	CAS numbers
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

Name of the allergenic fragrance	CAS numbers
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; 1117-61-9; 7540-51-4
Farnesol	4602-84-0
Hexyl cinnamaldehyde	101-86-0
Lilial	80-54-6
d-Limonene	5989-27-5
Linalool	78-70-6
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5

A1

A1

(standards.iteh.ai)

Table 2 — Allergenic fragrances which shall not be supplied in toys covered by this document

Name of the allergenic fragrance	CAS number
Alanroot oil (Inula helenium)	97676-35-2
Allylisothiocyanate	57-06-7
Benzyl cyanide	140-29-4
4 tert-Butylphenol	98-54-4
Chenopodium oil	8006-99-3
Cyclamen alcohol	4756-19-8
Diethyl maleate	141-05-9
Dihydrocoumarin	119-84-6
2,4-Dihydroxy-3-methylbenzaldehyde	6248-20-0
3,7-Dimethyl-2-octen-1-ol (6,7-Dihydrogeraniol)	40607-48-5
4,6-Dimethyl-8-tert-butylcoumarin	17874-34-9
Dimethyl citraconate	617-54-9
7,11-Dimethyldodeca-4,6,10-trien-3-one	26651-96-7
6,10-Dimethylundeca-3,5,9-trien-2-one	141-10-6
Diphenylamine	122-39-4
Ethyl acrylate	140-88-5