

Mänguasjade ohutus. Osa 2: Süttivus (KONSOLIDEERITUD TEKST)

Safety of toys - Flammability (CONSOLIDATED
TEXT)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 71-2:2006+A1:2007 sisaldab Euroopa standardi EN 71-2:2006+A1:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 31.05.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 71-2:2006+A1:2007 consists of the English text of the European standard EN 71-2:2006+A1:2007.</p> <p>This document is endorsed on 31.05.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European Standard specifies the categories of flammable materials which are prohibited in all toys, and requirements concerning flammability of certain toys when they are subjected to a small source of ignition.</p>	<p>Scope:</p> <p>This European Standard specifies the categories of flammable materials which are prohibited in all toys, and requirements concerning flammability of certain toys when they are subjected to a small source of ignition.</p>
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Võtmesõnad: flamm, hats, headwear, materials, materials specification, operating requirements, permissibility, properties, safety, safety engineering, safety measures, safety requirements, soft materials, specification, specification (approval), specifications, testing, toys

English Version

Safety of toys - Flammability

Sécurité des jouets - Inflammabilité

Sicherheit von Spielzeug - Entflammbarkeit

This European Standard was approved by CEN on 30 November 2005 and includes Corrigendum 1 issued by CEN on 17 May 2006 and Amendment 1 approved by CEN on 8 February 2007.

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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 Management Centre has the same status as the official versions.

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Foreword

This European Standard (EN 71-2:2006+A1:2007) has been prepared by Technical Committee CEN/TC 52 “Safety of toys”, the secretariat of which is held by DS.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2007 and conflicting national standards shall be withdrawn at the latest by September 2007.

This document includes Corrigendum 1, issued by CEN on 17 May 2006 and Amendment 1, approved by CEN on 2007-02-08.

This document supersedes EN 71-2:2006.

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

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags **AC** **AC**.

This European Standard has been prepared under a mandate 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(s), see informative Annex ZA, which is an integral part of this European Standard.

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

Introduction

This European Standard for the 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 6: *Graphical symbol for age warning labelling*

Part 7: *Finger paints — Requirements and test methods*

Part 8: *Swings, slides and similar activity toys for indoor and outdoor family 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*

This European Standard is Part 2 of the standard for safety of toys, EN 71, and should be read in conjunction with Part 1.

There are very few accident data concerning the hazards associated with the *flammability* of toys.

1 Scope (see A.2)

This European Standard specifies the categories of flammable materials which are prohibited in all toys, and requirements concerning *flammability* of certain toys when they are subjected to a small source of ignition.

The test methods described in Clause 5 are used for the purposes of determining the *flammability* of toys under the particular test conditions specified. The test results thus obtained cannot be considered as providing an overall indication of the potential fire hazard of toys or materials when subjected to other sources of ignition.

This European Standard includes general requirements relating to all toys and specific requirements and methods of test relating to the following toys, which are considered as being those presenting the greatest hazard:

- toys to be worn on the head: beards, moustaches, wigs etc. made from *hair*, pile or material with similar features; moulded and fabric masks; hoods, head-dresses etc.; flowing elements of toys to be worn on the head, but excluding paper novelty hats of the type usually supplied in party crackers;
- toy disguise costumes and toys intended to be worn by a child in play;
- toys intended to be entered by a child;
- *soft-filled* toys (animals and dolls etc.) with a piled surface or textile surface.

NOTE Additional requirements for *flammability* of electric toys are specified in EN 50088, *Safety of electric toys* and EN 62115, *Electric toys - Safety* (IEC 62115:2003 + A1:2004, modified)

2 Normative references

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 71-5:1993, *Safety of toys — Part 5: Chemical toys (sets) other than experimental sets*

EN ISO 2431:1996, *Paints and varnishes — Determination of flow time by use of flow cups (ISO 2431:1993, including Technical Corrigendum 1:1994)*

EN ISO 6941:2003, *Textile fabrics — Burning behaviour — Measurement of flame spread properties of vertically oriented specimens (ISO 6941:2003)*

3 Terms and definitions

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

NOTE Terms defined in this clause appear in italics throughout this European Standard.

3.1

flammability

ability of a material or a product to burn with a flame under specified test conditions

3.2

flaming debris

material that becomes detached from the sample during the test procedure and continues to flame as it falls

3.3

hair

slender flexible fibres intended to represent *hair* (see 4.2)

3.4

soft-filled toys

toy, clothed or unclothed, with soft body surfaces and filled with soft material, allowing compression of the main part of the toy readily with the hand (see EN 71-1)

3.5

surface flash

rapid spread of flame over the surface of a material without ignition of its base structure at the same time [EN 1103:1995]

3.6

molten drips

falling droplets of molten material

3.7

flammable liquids

preparations having a flash point equal to or greater than 21 °C and less than or equal to 55 °C

3.8

highly flammable liquids

preparations having a flash point below 21 °C