



SLOVENSKI STANDARD
SIST EN 71-1:2000/A7:2002
01-september-2002

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Safety of toys - Part 1: Mechanical and physical properties

Sicherheit von Spielzeug - Teil 1: Mechanische und physikalische Eigenschaften

Sécurité des jouets - Partie 1: Propriétés mécaniques et physiques

Ta slovenski standard je istoveten z: **EN 71-1:1998/A7:2002**

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ICS:

97.200.50 Q|æ^ Toys

SIST EN 71-1:2000/A7:2002 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 71-1:1998/A7

May 2002

ICS 97.200.50

English version

Safety of toys - Part 1: Mechanical and physical properties

Sécurité des jouets - Partie 1: Propriétés mécaniques et
physiques

Sicherheit von Spielzeug - Teil 1: Mechanische und
physikalische Eigenschaften

This amendment A7 modifies the European Standard EN 71-1:1998; it was approved by CEN on 20 January 2002.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This amendment 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN 71-1:1998/A7:2002 (E)

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Foreword

This document EN 71-1:1998/A7:2002 has been prepared by Technical Committee CEN/TC 52 "Safety of Toys", the secretariat of which is held by DS.

This Amendment to the European Standard EN 71-1:1998 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2002, and conflicting national standards shall be withdrawn at the latest by November 2002.

This document 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 document.

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

Add a new item c) in

4.14.1 Toys which a child can enter

c) Toy chests with vertically opening hinged lids shall be provided with lid-support mechanisms to prevent sudden *collapse* or dropping of the lid. The lid-support mechanism shall support the lid so that at no position in the arc of travel of the lid from within 50 mm of the fully closed position through an arc not to exceed 60° from the fully closed position shall it drop more than 12 mm under the influence of its own weight, except in the last 50 mm of travel. The test shall be conducted according to 8.41.1 (lid support).

The lid-support mechanism shall comply with this requirement before and after being subjected to 7 000 opening and closing cycles, as described in 8.41.2 (durability test for vertically opening hinged lids).

The lid-support mechanism shall not require adjustment by the consumer to ensure adequate lid support nor shall it require adjustment in order to comply with above after being cycled according to 8.41.2.

The lid and lid-support mechanism shall comply with the relevant requirements in 4.10.

Toy chests with vertically opening hinged lids shall be accompanied by instructions for proper assembly and maintenance.

Add a new test method in clause 8

8.41 Durability test for vertically opening hinged lids on toy chests (see 4.14.1 c))

The lid shall be assembled according to the manufacturer's instructions before testing.

8.41.1 Lid support

Lift the lid to any position in its arc of travel to a distance greater than 50 mm but not to cause the lid to move through an arc of more than 60° from the lid's fully closed position measured at the outermost *edge* of the lid. Release the lid and measure any dropping motion at a point in the approximate centre of the outermost *edge* of the lid.

Determine if the lid drops more than 12 mm.

EN 71-1:1998/A7:2002 (E)**8.41.2 Durability test for vertically opening hinged lids**

Subject the lid to 7 000 opening and closing cycles. One cycle consists of raising the lid from its fully closed position to fully open and returning it to fully closed. To prevent undue stress on screws or other *fastenings* used to attach the lid support mechanism, care should be taken not to force the lid beyond its normal arc of travel.

The time to complete one cycle shall be approximately 15 s. The 7 000 cycles shall be completed within a time period of 72 h, after which the test described in 8.41.1 (lid support) shall be repeated.

Determine if the lid and the lid support mechanism still conform to the relevant requirements of this Part of EN 71.

C. 17 Toys which a child can enter (see 4.14.1)

Add a 3rd paragraph:

"The clause relating to toy chests was introduced into 4.14.1 c) to address the hazard of a child placing its head into the toy chest and the lid accidentally falling on to the child's neck, trapping the neck and causing asphyxiation. Such chests also have a play value."

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Annex ZA (informative)

Clauses of this European Standard addressing essential requirements or other provisions of EU Directives

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 88/378/EEC.

WARNING: Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

The following clause of this standard as detailed in Table ZA.1, is likely to support requirements of Directive 88/378/EEC.

Table ZA.1 - Correspondence between this European Standard and EU Directives

Essential Requirements of Directive 88/378/EEC as given in its Annex II	Corresponding clause of this Part of EN 71.
I.1 a) and b) (General)	Foreword

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