

Nederlandse norm

# NEN-EN 71-2+A1

(en)

Veiligheid van speelgoed - Deel 2:  
Brandbaarheid

Safety of toys - Part 2: Flammability

Vervangt NEN-EN 71-2:2011;  
NEN-EN 71-2:2011/Ontw. A1:2013

ICS 13.220.40; 97.200.50

april 2014

Als Nederlandse norm is aanvaard:  
 - EN 71-2:2011+A1:2014,1DT

Voorbeeld  
 Preview

Normcommissie 330002 "Veiligheid van speelgoed"



**THIS PUBLICATION IS COPYRIGHT PROTECTED**

**DEZE PUBLICATIE IS AUTEURSRECHTELIJK BESCHERMD**

Apart from exceptions provided by the law, nothing from this publication may be duplicated and/or published by means of photocopy, microfilm, storage in computer files or otherwise, which also applies to full or partial processing, without the written consent of the Netherlands Standardization Institute.

The Netherlands Standardization Institute shall, with the exclusion of any other beneficiary, collect payments owed by third parties for duplication and/or act in and out of law, where this authority is not transferred or falls by right to the Reproduction Rights Foundation.

Auteursrecht voorbehouden. Behoudens uitzondering door de wet gesteld mag zonder schriftelijke toestemming van het Nederlands Normalisatie-instituut niets uit deze uitgave worden veelevoudigd en/of openbaar gemaakt door middel van fotokopie, microfilm, opslag in computerbestanden of anderszins, hetgeen ook van toepassing is op gehele of gedeeltelijke bewerking.

Het Nederlands Normalisatie-instituut is met uitsluiting van ieder ander gerechtigd de door derden verschuldigde vergoedingen voor veelevoudiging te innen en/of daartoe in en buiten rechte op te treden, voor zover deze bevoegdheid niet is overgedragen c.q. rechtens toekomt aan de Stichting Reprorecht.

Although the utmost care has been taken with this publication, errors and omissions cannot be entirely excluded. The Netherlands Standardization Institute and/or the members of the committees therefore accept no liability, not even for direct or indirect damage, occurring due to or in relation with the application of publications issued by the Netherlands Standardization Institute.

Hoewel bij deze uitgave de uiterste zorg is nagestreefd, kunnen fouten en onvolledigheden niet geheel worden uitgesloten. Het Nederlands Normalisatie-instituut en/of de leden van de commissies aanvaarden derhalve geen enkele aansprakelijkheid, ook niet voor directe of indirecte schade, ontstaan door of verband houdend met toepassing van door het Nederlands Normalisatie-instituut gepubliceerde uitgaven.

## Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
EN ISO 2431:1996	NEN-EN-ISO 2431:1996	Verven en vernissen - Bepaling van de uitstroomtijd met behulp van uitstroombekers (ISO 2431:1993+C1:1994)
EN ISO 6941:2003	NEN-EN-ISO 6941:2004	Textiel - Brandgedrag - Meting van de vlamspreidingseigenschappen van verticaal geplaatste proefstukken

Voorbeeld  
Preview

Voorbeeld  
Preview

EUROPEAN STANDARD

**EN 71-2:2011+A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2014

ICS 13.220.40; 97.200.50

Supersedes EN 71-2:2011

English Version

**Safety of toys - Part 2: Flammability**

Sécurité des jouets - Partie 2: Inflammabilité

Sicherheit von Spielzeug - Teil 2: Entflammbarkeit

This European Standard was approved by CEN on 12 July 2011 and includes Amendment 1 approved by CEN on 20 January 2014.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

Preview



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Contents

Page

Foreword.....	4
Introduction.....	6
1 Scope (see A.2).....	7
2 Normative references.....	7
3 Terms and definitions.....	7
4 Requirements.....	9
4.1 General requirements (see A.3).....	9
4.2 Toys to be worn on the head (see A.4).....	9
4.2.1 General.....	9
4.2.2 Beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper, cloth strands or other flowing elements), which protrude 50 mm or more from the surface of the toy.....	10
4.2.3 Beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper, cloth strands or other flowing elements), which protrude less than 50 mm from the surface of the toy.....	10
4.2.4 Full or partial moulded head masks.....	10
4.2.5 Flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses, etc. and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and cardboard masks, eye masks, face masks), but excluding those items covered by 4.3.....	11
4.3 Toy disguise costumes and toys intended to be worn by a child in play (see A.5).....	11
4.4 Toys intended to be entered by a child (see A.6).....	11
4.5 Soft-filled toys (see A.7).....	11
5 Test methods.....	12
5.1 General.....	12
5.1.1 Test burner.....	12
5.1.2 Conditioning and test chamber.....	12
5.1.3 Test flame.....	12
5.2 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper, cloth strands or other flowing elements), which protrude 50 mm or more from the surface of the toy.....	12
5.2.1 Test flame.....	12
5.2.2 Test burner position.....	12
5.2.3 Test performance.....	12
5.3 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper, cloth strands or other flowing elements), which protrude less than 50 mm from the surface of the toy, and full or partial moulded head masks (see A.8).....	12
5.3.1 Test flame.....	13
5.3.2 Test burner position.....	13
5.3.3 Test performance.....	13
5.4 Test relating to flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses, etc. and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and cardboard masks, eye masks, face masks), toy disguise costumes and toys intended to be entered or worn by a child (see A.9).....	13
5.4.1 Preparation of test sample.....	13
5.4.2 Holding the test sample.....	14

5.4.3	Test flame .....	14
5.4.4	Test burner position .....	15
5.4.5	Test performance .....	15
5.4.6	Results .....	15
5.5	Test for soft-filled toys .....	16
5.5.1	Test flame .....	16
5.5.2	Test burner position .....	16
5.5.3	Test performance .....	16
<b>Annex A</b>	<b>(informative) Background and rationale for this European Standard .....</b>	<b>17</b>
A.1	General .....	17
A.2	Scope .....	17
A.3	General requirements (see 4.1) .....	17
A.4	Toys to be worn on the head (see 4.2) .....	17
A.5	Toy disguise costumes and toys intended to be worn by a child in play (see 4.3) .....	18
A.6	Toys intended to be entered by a child (see 4.4) .....	18
A.7	Soft-filled toys (see 4.5) .....	18
A.8	Test relating to full or partial moulded head masks (see 5.3) .....	18
A.9	Test relating to toy disguise costumes and toys intended to be entered by a child (see 5.4) .....	18
<b>Annex B</b>	<b>(informative) Significant technical changes between this European Standard and the previous version .....</b>	<b>20</b>
<b>Annex ZA</b>	<b>(informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives .....</b>	<b>21</b>
<b>Bibliography</b>	.....	<b>22</b>

Preview  
 NEN-EN 71-2:2011+A1:2014

## Foreword

This document (EN 71-2:2011+A1:2014) 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 September 2014, and conflicting national standards shall be withdrawn at the latest by September 2014.

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

This document supersedes <sup>A1</sup> EN 71-2:2011 <sup>A1</sup>.

This document includes Amendment 1 approved by CEN on 2014-01-20.

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

Annex B provides details of significant technical changes between this European Standard and the previous edition.

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.

This European Standard constitutes the second part of the European Standard on safety of toys and should be read in conjunction with Part 1.

This European Standard for 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*



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

- CEN Report, <sup>A1</sup> CR 14379 <sup>A1</sup>, Classification of toys — Guidelines,
- CEN Technical Report <sup>A1</sup> CEN/TR 15071 <sup>A1</sup>, Safety of toys — National translations of warnings and instructions for use in EN 71, and
- CEN Technical Report <sup>A1</sup> CEN/TR 15371 <sup>A1</sup>, Safety of toys — Replies to requests for interpretation of EN 71-1, EN 71-2, and EN 71-8.

NOTE 2 Different legal requirements may exist in non-EU countries.

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Preview

# ALTIJD DE ACTUELE NORM IN UW BEZIT HEBBEN?

Nooit meer zoeken in de systemen en uzelf de vraag stellen:  
'Is NEN-EN 71-2:2011+A1:2014 en de laatste versie?'

Via het digitale platform NEN Connect heeft u altijd toegang tot de meest actuele versie van deze norm. Vervallen versies blijven ook beschikbaar. **U en uw collega's** kunnen de norm via NEN Connect makkelijk raadplagen, online en offline.

Kies voor slimmer werken en bekijk onze mogelijkheden op [www.nenconnect.nl](http://www.nenconnect.nl).

## Heeft u vragen?

Onze Klantenservice is bereikbaar maandag tot en met vrijdag, van 8.30 tot 17.00 uur.

Telefoon: 015 2 690 391

E-mail: [klantenservice@nen.nl](mailto:klantenservice@nen.nl)

