
Varnost igráč - 20. del: Mikrobiološka varnost igráč, ki vsebujejo otrokom dostopen vodni medij

Safety of toys - Part 20: Microbiological safety of toys containing accessible aqueous media

Sicherheit von Spielzeug - Teil 20: Mikrobiologische Sicherheit von Spielzeug, das zugängliche wässrige Medien enthält

Sécurité des jouets - Partie 20 : Sécurité microbiologique des jouets contenant des milieux aqueux accessibles

Ta slovenski standard je istoveten z: EN 71-20:2025

ICS:

07.100.01	Mikrobiologija na splošno	Microbiology in general
97.200.50	Igrače	Toys

SIST EN 71-20:2026**en,fr,de**

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EUROPEAN STANDARD

EN 71-20

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2025

ICS 97.200.50

English Version

Safety of toys - Part 20: Microbiological safety of toys containing accessible aqueous media

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Sicherheit von Spielzeug, das zugängliche wässrige
Medien enthält

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Ref. No. EN 71-20:2025 E

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European foreword

This document (EN 71-20:2025) 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of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2027.

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 has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

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

This document constitutes the twentieth 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 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;*
- *Part 15: Formamide in foam toy materials (content);*
- *Part 16: Certain chlorinated phosphorus flame retardants (TCEP, TCPP, TDCP) in toy materials;*
- *Part 17: Certain isothiazolinones (MIT, CIT, BIT) in aqueous toy materials;*

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- *Part 18: Phenol in aqueous (content) and polymeric (migration) toy materials;*
- *Part 19: Migration of bisphenol A from toy materials;*
- *Part 20: Microbiological safety of toys containing accessible aqueous media (this document).*

It is up to the user of this document 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 the EN 71 series, the following guidance deliverables have been published:

- CEN/TR 15071, *Safety of toys — National translations of warnings and instructions for use in the EN 71 series;*
- CEN/TR 15371 (all parts), *Safety of toys — Interpretations;*
- CEN/TR 16918, *Safety of toys — Children's mouthing behaviour in contact with toys;*
- CEN/TR 17695, *Safety of toys — Mechanical and physical properties — Guidance on categorization of projectile toys within EN 71-1;*
- CEN/TS 17973, *Safety of toys — Categorization of slime type materials;*
- CEN/TR 18217, *Safety of toys — Migration of certain elements from polymers;*
- CEN/TR 18240, *Safety of toys — Mechanical and physical properties — Guidance on the requirements for food-imitating toys in EN 71-1; and*
- CEN ISO/TR 8124-8, *Safety of toys — Part 8: Age determination — First age grade for the appropriate play of toys (ISO/TR 8124-8).*

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

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Introduction

This document sets requirements to minimize the hazards of microbial contamination and growth in toys containing accessible aqueous media.

This document is largely based upon the requirements in ISO 8124-12 [12] and ASTM F963 [2], with some modifications to narrow the scope and facilitate use of the document. This document also takes into account the Notified Bodies Toys protocol, EC-type approval protocol No. 2. Microbiological safety of toys containing aqueous media REV 4 - NB-TOYS/2021-053 (January 2022) [4].

Conformity with the requirements of this document will minimize potential hazards associated with toys due to lack of microbiological cleanliness or inadequate preservation. Either of which can result in an infectious disease resulting from use of the toy in its intended play modes (normal use) as well as unintended play modes (reasonably foreseeable abuse).

This document will not, nor is it intended to, eliminate parental or supervisor responsibility in the appropriate selection of toys. The requirements of this document apply to toys in an as received state, it is expected that parents and supervisors will exercise due care in ensuring toys are clean and not contaminated after use. Nor will this document eliminate the need for parental supervision in situations where children of various ages have access to the same toy(s).

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