

MÄNGUASJADE OHUTUS. OSA 7: SÕRMEVÄRVID.
NÕUDED JA KATSEMEETODID

Safety of toys - Part 7: Finger paints - Requirements
and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

| | |
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| <p>See Eesti standard EVS-EN 71-7:2025 sisaldab Euroopa standardi EN 71-7:2025 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 29.10.2025.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p> | <p>This Estonian standard EVS-EN 71-7:2025 consists of the English text of the European standard EN 71-7:2025.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 29.10.2025.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p> |
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EUROPEAN STANDARD

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English Version

Safety of toys - Part 7: Finger paints - Requirements and test methods

Sécurité des jouets - Partie 7 : Peintures au doigt -
Exigences et méthodes d'essai

Sicherheit von Spielzeug - Teil 7: Fingermalfarben -
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 22 September 2025.

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COMITÉ EUROPÉEN DE NORMALISATION
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| Contents | Page |
|---|-------------|
| European foreword | 4 |
| Introduction | 6 |
| 1 Scope | 8 |
| 2 Normative references | 8 |
| 3 Terms and definitions | 8 |
| 4 Requirements | 9 |
| 4.1 General | 9 |
| 4.2 Colourants | 10 |
| 4.3 Preservatives | 10 |
| 4.4 Limits for impurities | 10 |
| 4.4.1 Limits for primary aromatic amines | 10 |
| 4.4.2 Limits for other impurities | 12 |
| 4.5 Taste and smell | 12 |
| 4.6 pH-value | 13 |
| 4.7 Binding agents, extenders, humectants and surfactants | 13 |
| 4.8 Containers | 13 |
| 4.9 Booster substances (see Clause F.15) | 13 |
| 5 Product information | 13 |
| 5.1 General | 13 |
| 5.2 Marking | 13 |
| 5.2.1 Primary packaging | 13 |
| 5.2.2 Container | 14 |
| Annex A (informative) Non-exhaustive list of colourants which are used in finger paints, and need to be in compliance with both the general and specific purity requirements | 15 |
| Annex B (normative) List of preservatives allowed for use in finger paints | 21 |
| Annex C (informative) Ingredients used in the manufacture of finger paints | 26 |
| Annex D (normative) Method for the detection of certain azo colourants and determination of free primary aromatic amines | 28 |
| D.1 General | 28 |
| D.2 Reagents | 29 |
| D.3 Apparatus | 30 |
| D.4 Instrumentation | 30 |
| D.5 Sampling procedure | 30 |
| D.6 Procedure | 30 |
| D.7 Calculation | 39 |
| D.8 Precision | 40 |
| D.9 Report | 45 |
| D.10 Additional information | 45 |

| | |
|--|-----------|
| Annex E (normative) Method for the determination of hexachlorobenzene, polychlorinated biphenyls and benzo[a]pyrene | 46 |
| E.1 Principle | 46 |
| E.2 Standards, reagents and solvents | 46 |
| E.3 Apparatus | 48 |
| E.4 Instrumentation | 48 |
| E.5 Sampling | 49 |
| E.6 Procedure | 49 |
| E.7 Calculation | 54 |
| E.8 Precision | 56 |
| E.9 Report | 58 |
| E.10 Additional information | 59 |
| Annex F (informative) Background and rationale for this European Standard | 66 |
| F.1 Finger paints (see 3.1) | 66 |
| F.2 Colourants (see 4.2) | 66 |
| F.3 Preservatives (see 4.3) | 66 |
| F.4 Migration of elements | 67 |
| F.5 Primary aromatic amines (see 4.4.1, Tables 1 and 2 and Annex D) | 67 |
| F.6 Limits for benzo[a]pyrene and further impurities (see 4.4.2) | 67 |
| F.7 Embittering agents (see 4.5) | 68 |
| F.8 pH value (see 4.6) | 68 |
| F.9 N-Nitrosamines | 68 |
| F.10 Container (see 4.8) | 68 |
| F.11 Labelling phrases (see 5.2.1.1) | 68 |
| F.12 List of polychlorinated biphenyl congeners (see Annex E) | 69 |
| F.13 Reference materials (see Annex D and E) | 69 |
| F.14 PCB analytical method (see E.6) | 69 |
| F.15 Booster substances (see 4.9) | 69 |
| Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2009/48/EC aimed to be covered | 71 |
| Bibliography | 72 |

European foreword

This document (EN 71-7:2025) 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 April 2026, and conflicting national standards shall be withdrawn at the latest by October 2026.

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 EN 71-7:2014+A3:2020.

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 of this European Standard is given in Annex F.

This document constitutes the seventh 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*
- *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* (under development)

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 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 categorisation 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* (under development),
- CEN/TR 18240, *Safety of toys — Mechanical and physical properties — Guidance on the requirements for food-imitating toys in EN 71-1* (under development), and
- CEN ISO/TR 8124-8, *Safety of toys — Part 8: Age determination — First age grade for the appropriate play of toys*.

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

The following significant changes have been implemented in this new edition:

| Clause/Paragraph/Table/Figure | Change |
|-------------------------------|---|
| 3 | New terms and definitions for <i>pigment</i> (3.3), <i>dyestuff</i> (3.4), and <i>booster substance</i> (3.11) have been added and the definition of <i>colourant</i> (3.2) has been revised. |
| Former 4.4 | The requirements on migration of certain elements (normative reference to EN 71-3) have been deleted as EN 71-3 applies to <i>finger paints</i> anyway. |
| 4.6 (former 4.7) | The requirements on pH-value have been revised replacing the normative reference to EN ISO 787-9 by a reference to EN ISO 19396-1:2025. |

| Clause/Paragraph/Table/Figure | Change |
|-------------------------------|--|
| Former 4.9 | The requirements on N-nitrosamines (normative reference to EN 71-12) have been deleted as EN 71-12 applies to <i>finger paints</i> anyway. |
| 4.9 | Requirements for <i>booster substances</i> have been added. |
| Annex A | The informative “non-exhaustive list of <i>colourants</i> which are used in <i>finger paints</i> , and need to be in compliance with both the general and specified purity requirements” has been revised. |
| Annex B | The normative “list of preservatives allowed for use in <i>finger paints</i> ” has been revised. |
| Annex C | The examples of “ingredients used in the manufacture of <i>finger paints</i> ” have been revised, in particular by adding <i>booster substances</i> . |
| Annex D | The method for the detection of certain azo <i>colourants</i> and determination of free primary aromatic amines has been slightly revised. |

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, Türkiye and the United Kingdom.

Introduction

This European Standard contains requirements which are intended to reduce the risks to children when *finger paints* are used as intended or in a foreseeable way, bearing in mind the behaviour of children. It is intended to complete the essential safety requirements of Directive 2009/48/EC [13] by providing special requirements for *finger paints*.

It is recognized that *finger paints* when compared to other toy products present different risks because of the intended use by fingers or hands and the age of the child. For example, prolonged skin contact or possible ingestion of paint material cannot be ruled out. Therefore, the safety requirements outlined in other parts of EN 71 needed to be expanded upon for *finger paints*. In order to address the risks associated with the use of *finger paints* by children, this part of EN 71 contains requirements relating to *preservatives* as well as other ingredients that may be used in the manufacture of *finger paints* and requirements relating to impurities and other attributes.

Chemical Abstract Service Registry Number (CAS), European Inventory of Existing Chemical Substances Number (EINECS) or Colour Index Number given in the tables are provided for information purposes only.

1 Scope

This part of EN 71 specifies requirements for the substances and materials used in *finger paints* and applies to *finger paints* only.

Additional requirements are specified for markings, labelling and containers.

NOTE EN 71-3 and EN 71-12 specify requirements and test methods for finger paints for the migration of certain elements (see Clause F.4) and N-nitrosamines (see Clause F.9).

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 19396-1:2025, *Paints and varnishes — Determination of pH value — Part 1: pH sensors with glass membrane (ISO 19396-1:2025)*

3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

finger paint

aqueous semi-solid or liquid, coloured mixture specially designed for children to apply directly to suitable surfaces with the fingers and hands

Note 1 to entry: In the case of powdered *finger paints*, where water needs to be added before use, the requirements of this document apply to the *finger paint* prepared according to the instructions for use.

3.2

colourant

colouring material

substance that confers colour to other materials

Note 1 to entry: Colouring materials comprise *pigments* (3.3) that are insoluble in the application medium as well as *dye-stuffs* (3.4) that are soluble in the application medium.

[SOURCE: EN ISO 4618:2023, 3.57]

3.3

pigment

colourant consisting of particles, insoluble in the application medium (e.g. coating material or plastic)

[SOURCE: EN ISO 4618:2023, 3.193]