

English Version

Child care articles - General safety guidelines - Part 4: Thermal hazards

Articles de puériculture - Conseils relatifs à la sécurité -
Partie 4: Risques thermiques

Artikel für Säuglinge und Kleinkinder -
Sicherheitsleitfaden - Teil 4: Thermische Gefährdungen

This Technical Specification (CEN/TS) was approved by CEN on 6 October 2024 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (CEN/TS 13387-4:2025) has been prepared by Technical Committee CEN/TC 252 “Child care articles”, the secretariat of which is held by AFNOR.

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 CEN/TR 13387-4:2015.

CEN/TS 13387-4:2025 includes the following significant technical changes with respect to CEN/TR 13387-4:2015:

- Flammability and burning hazards: Test methods aligned with EN 71-2:2020.

The CEN/TS 13387 series, with the general title *Child care articles - General safety guidelines*, comprises the following five parts:

- *Part 1: Safety philosophy and safety assessment;*
- *Part 2: Chemical hazards;*
- *Part 3: Mechanical hazards;*
- *Part 4: Thermal hazards;*
- *Part 5: Product information.*

CEN/TS 13387-4 is intended to be used in conjunction with CEN/TS 13387-1.

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.

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1 Scope

This document provides guidance information on thermal hazards that are taken into consideration when developing safety standards for child care articles. In addition, these guidelines can assist those with a general professional interest in child safety.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 71-2:2020, *Safety of toys — Part 2: Flammability*

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

flammability

ability of material 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

ignitability

ability to obtain sustained combustion under specified test conditions when a material is exposed to an ignition source

3.4

surface flash

rapid spread of flame over the surface of a material without ignition of its base structure at the same time

3.5

thermal hazard

hazard caused by high or low temperatures

4 Thermal hazard

4.1 Safety philosophy

Thermal hazards include hazards associated with flammability and the burning characteristics of materials, contact with hot and cold surfaces and liquids, contact with flames, contact with products that melt on heating and overheating or exposure of a child to very low or very high temperatures.