



SLOVENSKI STANDARD
SIST EN 17617:2022

01-marec-2022

Zunanje sveče - Varnostne oznake

Outdoor candles - Product safety labels

Kerzen für den Außenbereich - Produktsicherheitskennzeichnung

Bougies d'extérieur - Étiquettes de sécurité des produits

Ta slovenski standard je istoveten z: **EN 17617:2021**

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ICS:

		https://standards.iteh.ai/catalog/standards/sist/0b07a134-3a7e-43e0-b030-686868686868
01.080.10	Simboli za javno obveščanje Znaki. Table. Označbe	Public information symbols. Signs. Plates. Labels
97.180	Razna oprema za dom in trgovino	Miscellaneous domestic and commercial equipment

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en,fr,de

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EUROPEAN STANDARD

EN 17617

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English Version

Outdoor candles - Product safety labels

Bougies d'extérieur - Étiquettes de sécurité des produits

Kerzen für den Außenbereich - Produktsicherheitskennzeichnung

This European Standard was approved by CEN on 23 August 2021.

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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.

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

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European foreword

This document (EN 17617:2021) has been prepared by Technical Committee CEN/TC 369 “Candle fire safety”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by June 2022, and conflicting national standards shall be withdrawn at the latest by June 2022.

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 is complemented by [vector graphic files](#) (.svg-format) of the supplementary signs displayed in the text.

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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EN 17617:2021 (E)**Introduction**

Candles have accompanied mankind for more than 2 000 years serving, above all, as a light source. Closely connected to the development history of the candle are the efforts made to improve its quality and its safety in use. Discussions in the past and present over fires caused by unsafe candles and/or inappropriate use during the burning of candles have led to consumers concern for these issues.

Most fire damage caused by candles can be attributed to improper use by the consumer. The fire risk of the candle due to inappropriate use can be minimized by suitable safety information for the consumer. This information will be easily and non-verbally comprehensible.

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1 Scope

This document specifies safety information for burning outdoor candles and includes requirements on how safety information will be displayed.

Sticks wrapped with fuel-soaked materials, such as paper, cardboard or fabric, as well as oil lamps on a stick and products intended to be used professionally to protect vineyards or fruit orchards from frost damages are not covered by this document.

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 17616:2021, *Outdoor candles — Specification for fire safety*

3 Terms and definitions

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

ISO and IEC maintain terminological 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 candle

one or more combustible wicks supported by a material that constitutes a fuel, which is solid or semisolid at room temperature (20 °C to 27 °C) with the main function of sustaining a light-producing flame, including any coatings on and articles or substances in the fuel

[SOURCE: EN 15426:2018, 3.2] <https://standards.iteh.ai/catalog/standards/sist/0b07a134-1158-4790-ae130975/sist-en-17617-2022>

3.2 container candle

candle that is produced and used in the same container

Note 1 to entry: The material of the container can be e.g. ceramic, concrete, glass, metal, plastic or any bi-component material for example.

[SOURCE: EN 15426:2018, 3.3, modified – Note 1 to entry “This definition includes tea lights” is replaced]

3.3 floating candle

candle intended and designed for use in a suitable bowl or container filled with water

[SOURCE: EN 15493:2019, 3.8]

3.4 freestanding candle

candle that is designed to be used without a supporting holder

[SOURCE: EN 15426:2018, 3.4]

EN 17617:2021 (E)**3.5****garden torch**

stick with a candle fixed on top which is planted in the ground or set up in a stable manner with a support

Note 1 to entry: Sticks wrapped with fuel-soaked materials such as paper, cardboard or fabric as well as oil lamps on a stick are not considered as garden torches.

[SOURCE: EN 17616:2021, 3.8]

3.6**grave light**

container candle intended to be used unattended only at cemeteries on or close to graves

Note 1 to entry: Usually, a wind protection like a lid is present to prevent extinguishing or without lid when intended to be placed in a lantern.

[SOURCE: EN 17616:2021, 3.9]

3.7**outdoor candle**

candle intended and designed to be used outside buildings in the open air

[SOURCE: EN 17616:2021, 3.10]

3.8**product safety label**

label on a product that informs the observer of one or more potential hazards and describes the safety precautions and/or actions required to avoid the hazard(s)

Note 1 to entry: It communicates a hazard, a hazardous situation, a precaution to avoid a hazard and/or a result of not avoiding a hazard.

[SOURCE: ISO 3864-2:2016, 3.9] <https://standards.iteh.ai/catalog/standards/sist/0b07a134-75c-47ce-af19-f219ae130975/sist-en-17617-2022>

3.9**supplementary safety information**

safety information symbol or safety information text whose main purpose is to provide additional clarification

Note 1 to entry: A supplementary safety information panel typically communicates hazard consequence or hazard avoidance information.

[SOURCE: ISO 3864-2:2016, 3.15, modified – last word “panel” was deleted from the term]

4 Product safety labels

4.1 General

Prior to developing a product safety label, an assessment of the product's hazards and the risk associated with each hazard shall be performed. Key to this exercise is evaluating what residual risks remain after protective steps have been taken in the design and guarding of hazards and determining which of these hazards shall be addressed with the use of safety labelling. For many products, all foreseeable hazards resulting from the use and possible misuse of the product cannot be warned about in the form of safety labels and information overload in the form of too many product safety labels shall be avoided. Choices shall be made concerning which hazards pose the greatest risk and require a safety label.

4.2 Layout of the product safety label

The product safety label for candles consists of the following components:

- general warning sign based upon W001 of EN ISO 7010 (see Figure 1);
- mandatory supplementary safety information symbols or texts (see Table 1 to Table 4);
- optional supplementary safety information symbols or texts (see Annex A).



Figure 1 — General warning sign

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The risks associated with the supplementary safety information in Table 1 to Table 4 are considered as the greatest and are mandatory for all candles. The risks associated with the supplementary safety information in Annex A are optional in the sense that they are not applicable to all candles and shall only be used additionally to those in Table 1 to Table 4, based on the risk assessment for the specific candle.

The supplementary safety information symbols or texts shall be placed in close proximity to the general warning sign below and/or to the right beside the general warning sign (see Figure 2). Borders are optional.

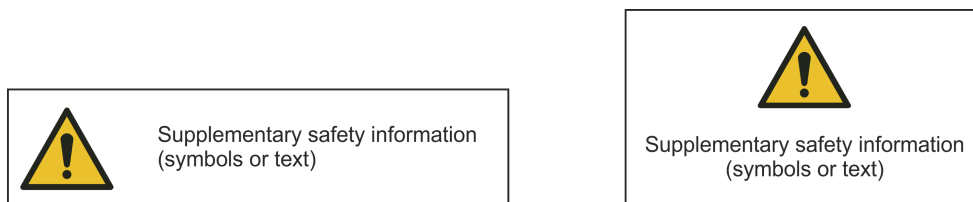


Figure 2 — Examples of layouts of a product safety label for candles

All components of the product safety label shall be in distinct contrast from its background. For candle labels made with one-colour printing, the background colour of the general warning sign does not need to be yellow.

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4.3 Layout of supplementary safety information

If safety information texts are chosen rather than safety information symbols then they or their practical equivalents shall be given in their own national language or languages of the country in which the candles are marketed. The supplementary safety symbols and text shall be reproduced as shown in Table 1 to Table 4 and Table A.1 to Table A.3. However some degree of modification is permitted when cultural differences or special application formats (e.g. candle shape/type) need to be considered, provided the original meaning is retained and comprehension of the safety information is maintained. Consistent reproduction and use of these safety symbols and texts will lead to a progressively improved degree of comprehension at the international level.

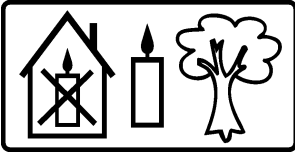

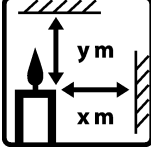
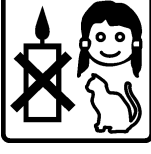
The minimum height of the safety symbols is 5 mm provided that the content of the safety message is legible due to the quality of the print. However, larger size is encouraged.

4.4 Display of a product safety label

As a minimum the product safety label with the mandatory supplementary safety information (Table 1 to Table 4) shall be visible and legible on the packaging or product. If the space is limited, the optional supplementary safety information can be placed elsewhere, e.g. on the backside of a peel off label or the inner sides of a fold-out label, together with the mandatory supplementary safety information repeated. There shall be clear indication where to find this additional safety information.

NOTE For examples, see Annex B, Figures B.1 to B.9.

Table 1 — Mandatory supplementary safety information — Specific for certain candle types

 <p>Figure 3</p>	<p>For outdoor use only.</p>
 <p>Figure 4</p>	<p>Never leave a burning candle unattended.</p>
 <p>Figure 5</p>	<p>Keep a distance of min. x^a m beside and y^a m above to things that can catch fire.</p>
 <p>Figure 6</p>	<p>Keep away from children and pets.</p>