

English Version

Candles - Product safety labels

Bougies - Etiquettes de sécurité

Kerzen - Produktsicherheitskennzeichnung

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Foreword

This document (EN 15494:2007) has been prepared by Technical Committee CEN BT/TF 164 “Candle 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of an identical text or by endorsement, at the latest by May 2008, and conflicting national standards shall be withdrawn at the latest by May 2008.

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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 possible self-forming, harmful emissions and 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 warnings for the consumer. These warnings should be easily and non-verbally comprehensible.

1 Scope

This European standard specifies product safety labels for burning indoor candles.

2 Product safety labels

2.1 Safety information

The messages specified in Table 1 represent the minimum safety information with which a candle can be labelled.

This safety information shall be given on a product safety label in the form of a symbol (see Table 1, 1st column) or text (see Table 1, 2nd column). It shall be visible and legible on the packaging or product. In cases that the safety labelling on the packaging or product is not practical, an instruction leaflet shall be available at the point of sale.



Figure 5 — General warning sign

The safety information symbol or text shall be placed below or beside the general warning sign (see Figure 6).

NOTE 1 To draw the attention of the user to the product safety label it is recommended to use the safety colour yellow (see ISO 3864-2:2004, Table 1).

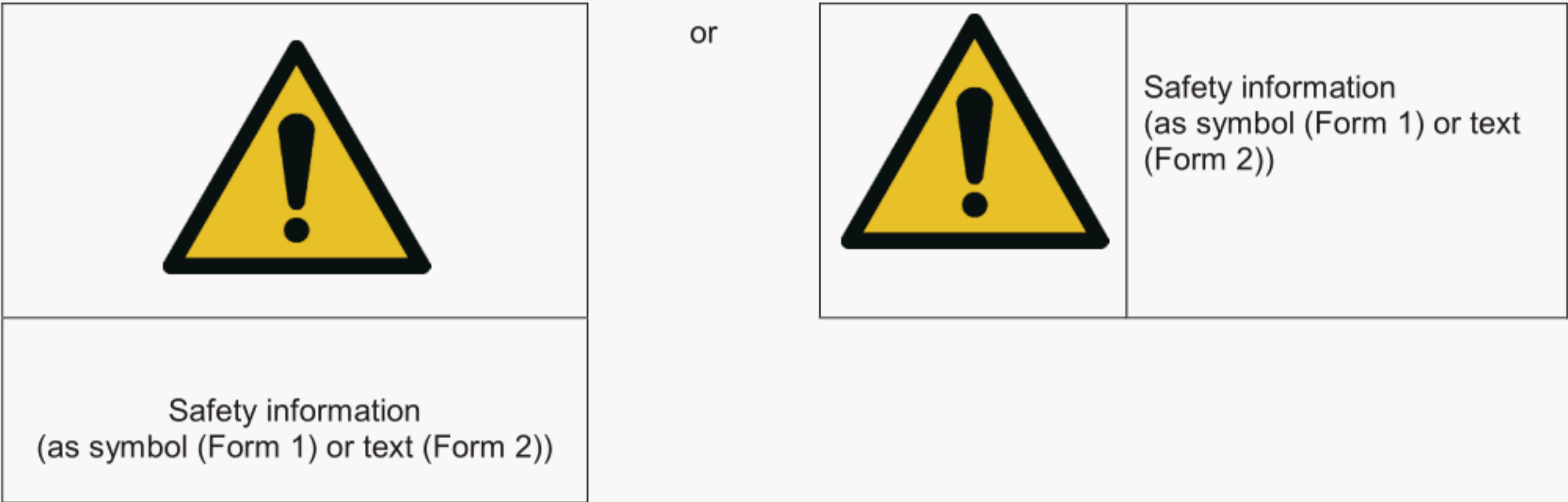


Figure 6 — Layout of a product safety label for candles

NOTE 2 Examples see Annex B.

Annex A
(informative)

Optional safety information

Table A.1 — Optional safety information




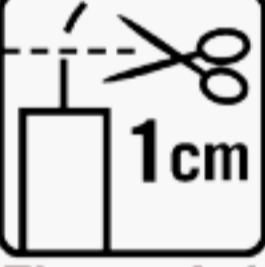



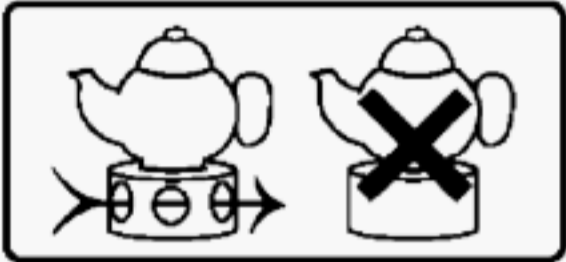

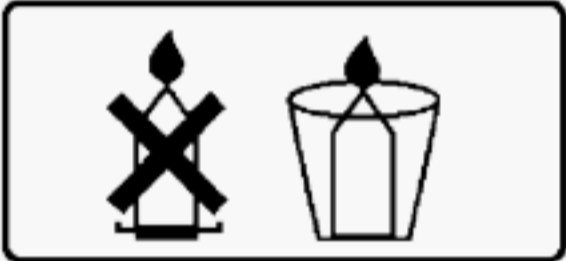

Safety information given as a symbol	Safety information given as a text
 Figure A.1	Do not place candles in a draught.
 Figure A.2	Do not place candles near a source of heat.
 Figure A.3	Place candles in an upright position.
 Figure A.4	Trim wick to about 1 cm before lighting.
 Figure A.5	Always snuff out the flame. Do not blow it out.
 Figure A.6	Always use a candleholder.

Table A.1 (concluded)

Safety information given as a symbol	Safety information given as a text
<div><p>Figure A.7</p></div>	Keep the wax pool clear of matches and other debris to avoid flaring.
<div><p>Figure A.8</p></div>	Only use tea light in holders and warming stoves with sufficient ventilation.
<div><p>Figure A.9</p></div>	Do not move a burning candle.
<div><p>Figure A.10</p></div>	Use a suitable container as these candles liquefy when burning.
<div><p>Figure A.11</p></div>	Never use liquid to extinguish.

Annex B
(informative)

Examples of product safety labels on candle fire safety



Figure B.1 — Example 1 — Form 1



Figure B.2 — Example 2 — Form 1

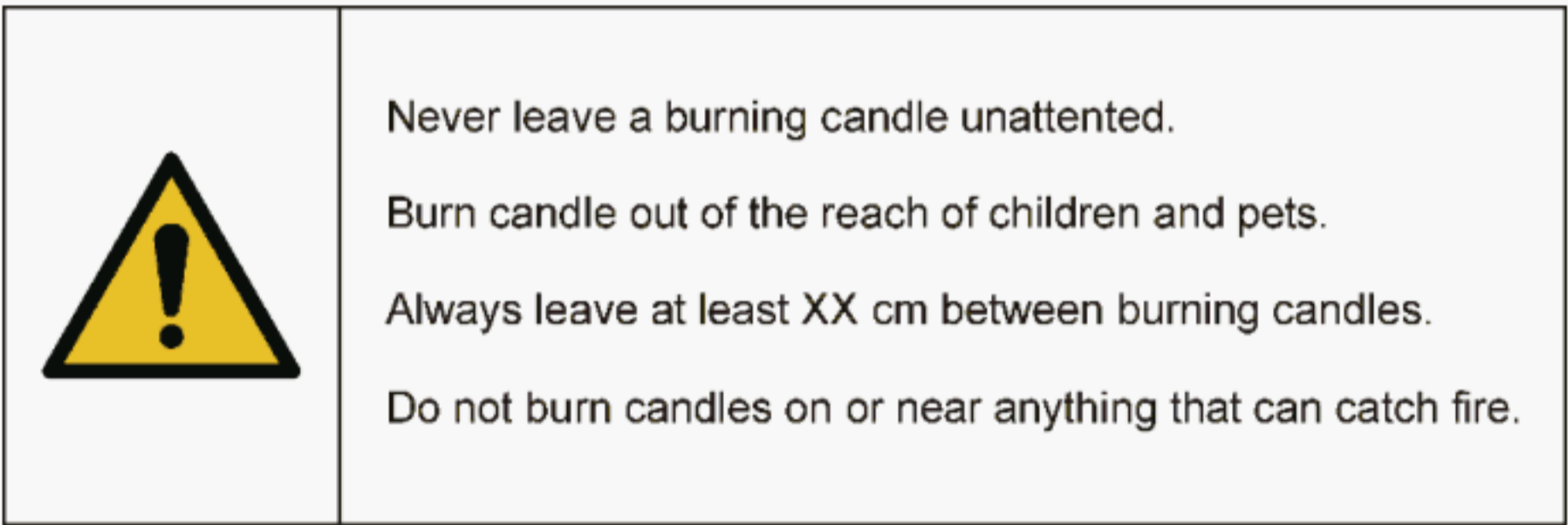


Figure B.3 — Example 1 — Form 2



<p>Never leave a burning candle unattended.</p> <p>Burn candle out of the reach of children and pets.</p> <p>Always leave at least XX cm between burning candles.</p> <p>Do not burn candles on or near anything that can catch fire.</p>

Figure B.4 — Example 2 — Form 2

Bibliography

[1] ISO 3864-2:2004, Graphical symbols - Safety colours and safety signs - Part 2: Design principles for product safety labels

[2] EN 15426, Candles - Specification for sooting behaviour

[3] EN 15493, Candles – Specification for fire safety