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1 Scope

This Standard specifies the content, format and production requirements for safety labels of consumer products.

This Standard applies to the design of safety labels of consumer products.

2 Normative references

The following documents contain the provisions which, through reference in this Standard, become the provisions of this Standard. For dated references, their subsequent amendments (excluding corrigendum) or revisions do not apply to this Standard. However, the parties who enter into agreement based on this

Standard are encouraged to investigate whether the latest versions of these documents are applicable. For undated reference documents, the latest versions apply to this Standard.

GB/T 2893.1 Graphical symbols - Safety colours and safety signs - Part 1.

Design principles for safety signs in workplaces and public areas (GB/T

2893.1-2004, ISO 3864-1.2002, MOD)

GB/T 2893.2 Graphical symbols - Safety colours and safety signs - Part 2.

Design principles for product safety labels (GB/T 2893.2-2008, ISO 3864-

2.2004, MOD)

GB 2894 Safety signs and guideline for the use

GB/T 20000.4-2003 Guide for standardization - Part 4. Safety aspects for their inclusion in standards

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

3.1

consumer product

Products that are sold to meet the needs of members of society.

GB 2894).

3.10

panel

In a safety label, the area where specific safety information is conveyed by setting the

background color and setting the boundary.

4.1 General requirements

Safety labels are used to convey specific safety information, the content shall.

- help consumers to use consumer products correctly, and help consumers to avoid or reduce the possible harm caused by misuse;
- give necessary warnings for misuse that can reasonably be foreseen;
- be conspicuous, long-lasting, easy-to-identify for consumers;
- consider the needs of special consumer groups (e.g. children, the elderly, the disabled, etc.).

4.2 Content requirements

The safety label shall use signal words (background colors), text messages and safety symbols to convey safety information. The content of safety labels shall include.

- categories of potential hazards;
- consequences and degree of possible harm;
- precautions in use and/or rescue measures in the event of an accident.

5.1 Composition

The safety label may be in two-area format or three-area format. The two-area format includes a signal word area and a text message area; the three-area format includes a signal word area, a text message area and a safety symbol area.

7.1 Text content

The text message shall include the type of harm, precautions in use and/or simple but effective rescue measures in the event of an accident. When deciding whether or not to omit relevant information, a variety of factors shall be considered, including whether relevant information can be inferred from safety symbols, other text information, user training, and context of text content.

7.2 Text description

7.2.1

The text message shall use standard Chinese characters, and may simultaneously use Chinese pinyin or other characters that have a close correspondence, but the character size shall be smaller than the corresponding standard Chinese characters.

7.2.2 The length of the text message depends on how much information needs

to be conveyed. After determining the text message, it shall be organized in a concise and easy-to-understand form. The sequence of that text message is shown in Annex B.

7.2.3 When the necessary operation instructions, precautions, or harm

consequences require a long text description, consumers can be guided to read the information such as use instructions, user manuals.

7.3.1 Text color

The text shall use a contrasting color with the background color, generally using black text and white background.

7.3.2 Character size

The size of character in the text message area shall be such that consumers with normal vision (including corrective vision) can clearly identify and read at a safe viewing distance. The character size is shown in Annex B.

7.3.3 Text spacing

It shall choose reasonable line spacing and character spacing so that the text message is easy to read. The text spacing is shown in Annex B.

Annex A (informative)

Risk assessment and selection of signal words

A.1 General

The risk of harm caused by consumer products is divided according to the probability of harm and the degree of harm. The selection of signal words is based on the magnitude of the risk that may be caused due to failure to observe the safety warning information. The degree of risk determines the signal words, background color, and whether safety warning symbols are used. This annex provides a guidance on the selection of risk assessment and signal words that apply only to this Standard.

A.2.1 Possibility of harm

When a dangerous situation exists (e.g. the safety warning information is not observed), the possibility of harm shall be estimated. The information required to estimate the possibility of harm can be obtained through relevant historical data, test simulations, expert judgments and other methods.