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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

ICS 55.020

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GB/T 191-2008

Replacing GB/T 191-2000

Packaging – Pictorial Marking for Handling of Goods

(ISO 780:1997, MOD)

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Issued on: April 01, 2008

Implemented on: October 01, 2008

**Issued by: General Administration of Quality Supervision, Inspection and Quarantine;
Standardization Administration of PRC.**

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Foreword

This Standard modified and adopted internal standard ISO 780:1997 *Packaging – Pictorial Marking for Handling of Goods*; their major differences are as follows:

- Added the specification dimension of 50mm basing on 3 specifications in the international standards;
- In 4.1 marking, added “when printing the markings, the outer edge line and marking name shall be printed; Chinese name and outer edge line can be omitted for the exported goods; when painting, the outer edge line and marking name also can be omitted”;
- Added the complete graphic for each marking.

This Standard replaced GB/T 191-2000 *Packaging – Pictorial Marking for Handling of Goods*.

Compared with GB/T 191-2000, this Standard has the major changes as follows:

- Canceled the paste position of the making on the package;
- Added marking graphic column in the Table 1.

This Standard was proposed by and under the jurisdiction of National Technical Committee for Standardization of Package.

Drafting organizations of this Standard: Research Institute of Standards and Measurement of Ministry of Railways, and Beijing Entry-Exit Inspection and Quarantine Association.

Chief drafting staffs of this Standard: Zhang Jin, Zhao Jingyu, Xu Siqiao, and Su Xuefeng.

The historical editions replaced by this Standard are as follows:

- GB/T 191-1963, GB/T 191-1973, GB/T 191-1985, GB/T 191-1990, GB/T 191-2000;
- GB 5892-1985.

Packaging – Pictorial Marking for Handling of Goods

1 Scope

This Standard specifies the name, graphic symbol, dimension, color and application method of the pictorial marking for packaging and handling of goods (hereinafter referred to as marking).

This Standard is applicable to the transportation and package of various goods.

2 Name and Graphic Symbol of Marking

The marking consists of graphic symbol, name and outer edge line; totally 17 types, see Table 1.

3 Marking Dimension and Color

3.1 Marking dimension

The outer edge of the marking is rectangle; thereof the outer edge of graphic symbol is a square with 4 types of dimensions, which can refer to Table 2. If the package dimension is too large or too small, it can be scale up or down.

Table 2 -- Outer Edge Dimensions for Graphic Symbols and Markings

Unit: mm

SN	Outer Edge Dimensions for Graphic Symbols	Outer Edge Dimensions for Markings
1	50×50	50×70
2	100×100	100×140
3	150×150	150×210
4	200×200	200×280

3.2 Marking color

The marking color is generally black.

If the package color makes the marking unclear, then appropriate contrast color shall be used on the printing surface; the black marking shall use white as the background color.

If necessary, the marking can also use other colors; unless otherwise is specified, it shall avoid using the red, orange or yellow, so that avoid confusing with the marking of dangerous goods.

4 Marking Application Method

4.1 Marking use

The printing, pasting, hanging, nail attaching, spraying and the like methods can be used directly. When printing marking, both outer edge line and marking name shall be printed; the Chinese marking name and outer edge line can be omitted for the exported goods; when spraying, the outer edge line and making name also can be omitted.

4.2 Marking quantity and position

4.2.1 The number of the same markings used on 1 package shall be determined according to the package dimension and shape.

4.2.2 The marking shall be labelled on the prominent position; the use the following markings shall comply with the following provisions:

- a) The Marking 1 “fragile goods” shall be labelled on the upper left corner on all surfaces and sides of the package (see the instructions and examples of Marking 1 in Table 1);
- b) The Marking 3 “up” shall be labelled on the same positions as the Marking 1 [see example a) of Marking 3 in Table 1]. When Marking 1 and Marking 3 are used at the same time, the Marking 3 shall be closer to the corner of the package [see example b) of Marking 3 in Table 1];
- c) The Marking 7 “center of gravity” shall be labelled as much as possible on the center of gravity of the 6 surfaces on the package; otherwise it shall be labelled on at least 2 sides and 2 end-faces of the package (see the instructions and examples of Marking 7 in Table 1);
- d) The Marking 11 “clip here” can only be used on the greppable package; the marking position shall be on the 2 opposite surfaces of the greppable position; the marking shall be ensured within the view of the operator;
- e) The Marking 16 “lift here” shall be at least labelled on 2 opposite surfaces of the package (see instructions and examples of Marking 16 in Table 1).

_____ **END** _____

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