

SN

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 0370.1-2009

**Rules for the inspection of packaging for export dangerous
goods - Part 1: General specifications**

出口危险货物包装检验规程 第1部分：总则

(English Translation)

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Foreword

SN/T 0370 "Rules for the inspection of packaging for export dangerous goods" includes the following three parts.

- Part 1.General specifications;
- Part 2.Performance test;
- Part 3.Use appraisal.

This is Part 1 of the SN/T 0370.

This Part integrates the three standards of SN 0449.1-1995 "Rules for the Inspection of Packaging for Dangerous Goods Exported by Sea - General Specifications", SN/T 0370-1995 "Rules for the Inspection of Packaging for Dangerous Goods Exported by Air - General Specifications and SN/T 0805.1-1999 "Rules for the Inspection of Packaging for Dangerous Goods Exported by Railway - General Specifications";, and has made some modifications to some of the technical contents, so that the technical contents on packaging for dangerous goods in the standards are in compliance with "Recommendations on the Transport of Dangerous Goods - Model Regulations" (15th version) issued by United Nations, "Technical Rules for the Safety of Dangerous Goods Aviation" (2007~2008 version) issued by International Civil Aviation Organization (ICAO), "International Maritime Dangerous Goods Transportation Rules" (2008 version) issued by International Maritime Organization (IMO), and "International Railway Dangerous Goods

Transportation Rules" (2005 version) issued by European Railway Bureau. This Part has also introduced relevant package requirements on transport of dangerous goods by road in "European Agreement on the International Transport of Dangerous Goods by Road" (2009 version) issued by Economic Commission for Europe (ECE).

Annex A of this Part is normative; Annex B and C are informative.

This Part was proposed by and shall be under the jurisdiction of National certification and Accreditation Administration Committee.

Drafting organizations of this Part. PRC Shandong Entry-Exit Inspection and Quarantine Bureau, and PRC Tianjin Entry-Exit Inspection and Quarantine Bureau.

Main drafters of this Part. Zhang Shaoyan, Jia Xiaochuan, Huang Honghua, Wan Min, He Fei, and Feng Zhenzhen.

The historical versions replaced by this Part are as follows.

- SN/T 0370-1995;
- SN 0449.1-1995;
- SN/T 0805.1-1999.

Rules for the Inspection of Packaging for Export
Dangerous Goods - Part 1.General Specifications

1 Scope

This Part of SN/T 0370 specifies the classes, codes, markings and requirements of export packaging of dangerous goods.

This Part is applicable to export packaging of dangerous goods with holding capacity not exceeding 450L and net weight not exceeding 400KG.

This Part is not applicable to packaging of gas sprayer, gas container, radioactive material, and infectious substance with maximum working pressure greater than or equal to 100kPa, inner diameter greater than 0.15m, and volume greater than or equal to 0.025m³.

2 Normative references

The articles contained in the following documents have become part of this Part of SN/T

0370 when they are quoted herein. For the dated documents so quoted, all the

modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Part. For the undated documents so quoted, the latest editions shall be applicable to this Part.

GB/T 1540 Paper and board - Determination of water absorption - Cobb method

GB/T 22410 Packaging - Transport packaging for dangerous goods - Plastics compatibility testing

SN/T 0370.2 Rules for the inspection of packaging for export dangerous goods - Part

2 Performance test

SN/T 0370.3 Rules for the inspection of packaging for export dangerous goods - Part 3. Use appraisal

Recommendations on Transportation of Dangerous Goods - Model Regulations (United Nation, Edition 15)
storage, transport, and unloading.

3.15 Over pack

In order to be convenient for loading, unloading and storage during transportation, one or more packages are packed together to form a packing of a single unit.

3.16 Salvage packaging

It is a kind of special packaging-container used for recycling or handling dangerous goods package with damage, defect, and leakage or not in compliance with provisions, or overflowed or leaked dangerous goods.

3.17 Closure

It is a kind of device used for sealing the opening of receptacle.

3.18 Sift proof packaging

It is a kind of packaging-container to prevent dry substances from outward leakage, including fine solids caused in transportation.

3.19 Securely closed

It is a kind of sealing which can prevent dry substances from leaking in normal handling. It is the minimum requirement to any sealing.

3.20 Water-tight

It is also called effective sealing, which refers to liquid-tight sealing.

3.21 Hermetically sealed

It refers to steam-tight sealing.

3.22 UN number

It refers to 4 Arabic numbers worked out by Committee of Experts on the Transport of Dangerous Goods in the United Nations, so as to identify a substance or a kind of particular substance.

3.23 Recycled plastics

It refers to the plastic materials that are recycled from used industrial containers and

- b) Division 2.2.non-flammable and non-toxic gases;
- c) Division 2.3.toxic gases.

4.1.5 Class 4.flammable solid. substances prone to spontaneous combustion;

substances emitting flammable gases when encountering water;

- a) Division 4.1.flammable solid, self-reactive substances and solid insensitive explosives;
- b) Division 4.2.substances prone to spontaneous combustion;
- c) Division 4.3.substances emitting flammable gases when encountering water.