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

GB/T 20212-2026

Replacing GB/T 20212-2006

Fireworks - Coagulant

烟花爆竹 固引剂

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 20212-2006 "Firecrackers with Solid Atomizers". Compared with GB/T 20212-2006, the only changes are structural adjustments and editing. Aside from the sexual alterations, the main technical changes are as follows:

- a) The scope has been changed, replacing "firecrackers" with "fireworks and firecrackers" (see Chapter 1, Chapter 1 of the.2006 edition);
 - b) The definitions of "solidifying agent" and "coagulation" have been changed (see 3.1, 3.2, 3.1, 3.2 in the.2006 edition);
 - c) The particle size technical requirements and testing methods have been revised (see 5.1, 6.1, and 5.1 in the.2006 edition);
 - d) The name, environmental conditions, and test methods for "fixation effect" have been changed (see 5.2, 6.2, and 5.2 in the.2006 edition);
 - e) The method for testing moisture absorption has been changed (see 6.4, 5.3 in the.2006 edition). The following editorial changes have been made to this document.
- Change the standard name to "Fireworks and Firecrackers Ignition Agent". Please note

that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China National Light Industry Council. This document is under the jurisdiction of the National Technical Committee on Standardization of Fireworks and Firecrackers (SAC/TC149). This document was drafted by: Hunan Provincial Fireworks and Firecrackers Product Safety and Quality Inspection Center, Liuyang City Jingang Town Guotai Solid Ignition Agent Factory, and Shenzhen Customs. Industrial Product Testing Technology Center. The main drafters of this document are. Yang Lin, Zhu Yuping, Chen Jie, Huang Chaxiang, Huang Qilin, Feng Junli, Chen Xiaohong, Wang Feng, and Zeng Xu. The release history of this document and the document it replaces is as follows:

---First published in.2006 as GB/T 20212-2006;

---This is the first revision. Fireworks and firecrackers igniter

1 Scope

GB/T 20212-2026 is the Chinese national standard covering the coagulant used to fix a fuse into a firework - the material that holds the fuse in place and seals the joint, and whose failure means either a dud or a device that fires while being handled. It replaces GB/T 20212-2006 and has been in force since 1 June 2026, with the pyrotechnic standards revised alongside it. It was issued on 27 February 2026 and has been in force since 1 June 2026, replacing GB/T 20212-2006. The document is under the responsibility of the China National Light Industry Council. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the technical requirements, inspection rules, packaging, marking, storage, and transportation of solid igniters used in fireworks and firecrackers, and describes the corresponding... Test methods. This document applies to solid igniters used in fireworks and firecrackers.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 6003.1 Technical requirements and inspection of test sieves - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Coagulant It is a powdery mixture used to fix the fuse or seal the cylinder of fireworks and firecrackers, and has the properties of moisture absorption, solidification, and natural drying.

3.2 solidification The process by which the solidifying agent undergoes a coagulation and solidification reaction.

4. Classification According to their uses, igniters are divided into igniters for firecrackers and igniters for fireworks.

5 Technical Requirements

5.1 Particle size For solid igniters used in firecrackers, the mass fraction of the residue remaining on the sieve after sieving through a 1.40mm sieve should be less than or equal to 10.0%; for solid igniters used in fireworks... The initiator is sieved through a test sieve with a pore size of

1.18 mm, and the mass fraction of the residue on the sieve should be less than or equal to 10.0%.