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

**GB 21177-2007**

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**Safety code for inspection of hazardous properties for  
dangerous goods of paint**

涂料危险货物危险特性检验安全规范

**(English Translation)**

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### Foreword

Chapter 5 of this standard and Chapter 6 is mandatory, the rest is recommended.

This standard and the United Nations "on the Transport of Dangerous Goods Recommendations · Manual of Tests and Criteria (Fourth Revision) consistency between the non-equivalent Effect, the technical content of the rules and regulations consistent with the above, in the standard text format by GB/T 1.1-2000 make editorial changes.

This standard by the National Standardization Technical Committee of hazardous chemicals management (SAC/TC251) and focal point.

### 1 Scope

This standard specifies the dangerous properties of liquid coatings dangerous goods requirements, testing and inspection rules.

This standard applies to dangerous properties of liquid coatings dangerous goods inspection.

### 2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. All dated references, which are subsequently owned Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to reach an agreement based on this standard research Whether you can use the latest versions of these files. For undated references, the latest version applies to this standard.

GB/T 616 chemical reagent boiling point determination of common methods GB/T 9750 paint product packaging logo GB 19458 Dangerous goods dangerous goods inspection safety rules ASTM D93 Binnsky - Martin closed apparatus for the determination of flash point standards ASTM D6450 Standard method for the determination of the flash point of a

continuous closed cup UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria (Rev. 4)

### 3 Terms and definitions

The UN term "Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria" (Rev. 4), as well as the following terms and definitions Applicable to this standard.

A luminescent substrate is combined with a radionuclide and a powdery product that emits visible light under the excitation of its radiation is mixed with a binder the luminous material.

This class of chemicals means flammable liquids, liquid mixtures or liquids containing solid substances, but not included because of their hazardous characteristics Other categories of liquids, the closed cup flash point test flash point is equal to or lower than 60 °C.

Specimens are heated to the lowest temperature at which a mixture of vapor and air contacts the flame when flash fire occurs under the conditions specified.

### 4 Requirements

#### 4.1

paint packaging should be consistent with the relevant provisions of GB/T 9750 and GB 19458 requirements. For the two-component or multi-component package Paint, packaging logo should be clear on the ratio of each group. For the construction of the need to dilute the paint, the packaging should be clearly marked on the dilution ratio.

#### 4.2

paint samples should be stored in a ventilated, dry place to prevent direct sunlight, the storage temperature is 5 °C ~ 40 °C, the shelf life is not Less than six months.