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

BB/T 0047-2007

Replacing BB/T 0047-2007

**Aerosol paint
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces BB/T 0047-2007 "Air Spray".

The main technical changes in this standard compared with BB/T 0047-2007 are as follows.

- Revised the scope of the content (see 1, 2007 version 1);
- Revised the definition of aerosol paint (see 3.1, 3.1 of the 2007 edition);
- Increased product classification (see 4);
- Combined the quality requirements and packaging requirements of aerosol paint (see 5.2, 2007 editions 4.1 and 4.2);
- Increased the quality requirements of metallic color aerosol paint (see 5.2);
- Modified the description of the appearance of the paint film (see 5.2, 2007 version 4.1);
- Revised the required indicators of surface dryness, gloss, adhesion, water resistance, and filling rate (see 5.2, 2007 and 4.1 and 4.2);
- Increased heavy metal and benzene content limit requirements (see 5.3);
- Revised the method of measuring gloss (see 6.4, 5.4 of 2007 edition);
- Modified the cross-cut test as an adhesion test (see 6.6, 5.6 of the 2007 edition);
- Modified the measurement method of filling rate (see 6.11, 5.11 of 2007 edition);
- Increased test methods for heavy metals and benzene content (see 6.12 and 6.13);
- Increased the type test for lead, cadmium, mercury, hexavalent chromium, benzene content (see 7.2.2.2);
- Modified the storage temperature (see 8.3.3, 7.3.2 of the 2007 edition);

This standard is proposed and managed by the National Packaging Standardization Technical Committee (SAC/TC49).

This standard was drafted. Shenzhen Zhaoxin Energy Co., Ltd., Guangzhou Botny Chemical Co., Ltd., Shenzhen Saiya Aerosol Company, Guangdong Sanhe Chemical Technology Co., Ltd., Shaoguan Laiya Chemical Technology Co., Ltd., Zhongshan Tiantu Fine Chemical Co., Ltd.

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The previous versions of this standard were released as follows.

---BB/T 0047-2007.

Aerosol paint

1 Scope

This standard specifies the requirements, test methods, inspection rules, marking, packaging, transportation and storage of aerosol paint products.

This standard applies to the design, manufacture and transportation of solvent-based aerosol paint products with a nominal volume of not more than 1L.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 1727-1992 General preparation method of paint film GB/T 1728-1979 Paint film, putty film drying time determination method GB/T 1733-1993 Determination of water resistance of paint film GB/T 2828.1-2012. Sampling procedures for counting sampling - Part 1. Quantitative inspection by batches plan GB/T 2829 Cycle Inspection Counting Sampling Procedures and Tables (Applicable to Inspection of Process Stability) GB/T 6739-2006 Paint and varnish pencil method for determination of film hardness GB/T 9286-1998 Cross-cut test of paint and varnish paint film GB/T 9754-2007 Determination of 20°, 60° and 85° specular gloss of paints and varnishes GB 13042 packaging container iron aerosol can GB/T 14449-2017 Aerosol product testing method GB/T 17447 aerosol valve GB

24408-2009 Limits of harmful substances in exterior wall coatings for construction GB/T 25164 packaging container 25.4mm caliber aluminum aerosol can GB 28644.2 Limited quantity and packaging requirements for dangerous goods GB 30000.4 Classification and labelling of chemicals - Part 4. Aerosols Labeling, classification and terminology of BB/T 0005 aerosol products BB/T 0006 packaging container 20mm diameter aluminum aerosol can QB2549-2002 Safety regulations for general aerosol products

3 Terms and definitions

The following terms and definitions apply to this document.

a type of product in which the aerosol packaging container is used as a package and the paint is released in a predetermined form by means of a propellant pressure by controlling the valve.

Product. Aerosol paint is commonly known as automatic painting.

Warning. The product must not be used near fire sources or heat sources...