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

GB/T 5206.1-1985

Replacing GB/T 5206.1-1985; GB/T 5206.2-1986; GB/T 5206.3-1986; GB/T 5206.4-1989; GB/T 5206.5-1991

**Paints and varnishes -- Terms and definitions
(English Translation)**

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Foreword

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

This standard replaces GB/T 5206.1-1985 "Paints and varnishes - Vocabulary - Part 1 generic term", GB/T 5206.2-1986 "Paints and varnishes - Vocabulary second part of the resin term", GB/T 5206.3-1986 "Paints and varnishes - Vocabulary - Part III Pigment term ", GB/T 5206.4-1989" Paints and varnishes - Vocabulary - Part IV physical and chemical properties of coatings and films term "and GB/T 5206.5-1991 "Paints and varnishes - Vocabulary - Part V of coatings and films term sick." And GB/T 5206.1-1985, GB/T 5206.2-1986, GB/T 5206.3-1986, GB/T 5206.4-1989 and GB/T 5206.5-1991 compared to, in addition to Editorial changes outside the main technical changes are as follows.

--- The standard terms and definitions total of 285, five of the original standard terms and definitions totaling 434;

--- Increasing the total 176 terms and definitions (see Chapter 2);

--- Increased cracking different forms of illustration (see Chapter 2);

--- Delete terms and definitions total of 325 (see GB/T 5206.1-1985, GB/T 5206.2-1986, GB/T 5206.3-1986, GB/T 5206.4-1989 and GB/T 5206.5-1991);

--- Modify the terms and definitions Total 109 (see Chapter 2, GB/T 5206.1-1985, GB/T 5206.2-1986, GB/T 5206.3-1986, GB/T 5206.4-1989 and GB/T 5206.5-1991).

This standard uses the translation method identical with the international standard ISO 4618:2014 "Paints and varnishes - Terms and definitions." this standard made the following editorial changes.

--- To comply with GB/T 1.1-2009 drafting rules to Note 1 of Chapter 1, the original range, "as defined in this standard in terms of its when appearing in italics are defined him "to" when the term as defined in this standard in other definitions are used Boldface ", the text to be amended accordingly;

--- Increase the informative appendix NA, Alphabetical index alphabetically.

The standard proposed by China Petroleum and Chemical Industry Association.

This standard by the National Standardization Technical Committee paint pigment (SAC/TC5) centralized.

This standard was drafted. CNOOC Changzhou Paint Chemical Research Institute Co., Ltd., Guangzhou standard Geda laboratory equipment supplies Co., Ltd., Air Biam new materials technology Engineering Co., Ltd., Yongkang flash Paint Co., Ltd., Hangzhou Mitaka Chemical Co., Ltd., Dongguan City, magnesium Security Magnesium Technology Co., Ltd.

1 Scope

This standard defines the term field of coatings (paints, varnishes and raw materials for paints and varnishes) used.

With particular application and performance (such as anti-corrosion protection, powder coating) about the terminology that will be explained in the related standard.

This standard of nanotechnology-related terminology ISO/T S80004-4 standard of unity.

Note 1: The term defined in this standard in other definitions are indicated by bold typeface.

2 Terms and definitions

Wear abrasion

Surface due to friction by the action of friction, wear and tear or cause deformation process.

Abrasive blast cleaning the surface treatment method using abrasive stream having a high kinetic energy of the impact surface to be treated.

Accelerator can accelerate the rate of a chemical reaction additives.

Acid value Under specified test conditions, and 1g sample needed potassium hydroxide (KOH) milligrams.

Acrylic resin from acrylic monomers and/or methacrylic monomers, generally also contain other monomers, polymerization or copolymerization obtained by a synthetic resin.

Additive

Was added a small amount of paint can be improved, and even change a coating of any substance or more properties.

Adhesion

In the interface between the solid surface with another material, resulting in the phenomenon of adhesion by molecular forces.

Note: Adhesion should not be confused with cohesion.

Adhesive strength the peeled from the substrate a coating or another coating down the force required.

Aerosol

Solid or liquid particles in a gaseous medium formed dispersion.