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

GB/T 9280-2008

Replacing GB/T 9280-1988

Paints and varnishes -- Pressure test for stackability

色漆和清漆 耐码垛性试验

(English Translation)

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Foreword

This standard is equivalent to international standards ISO 4622:1992 "Paints and varnishes palletizing test" (in English).

For ease of use, the ISO 4622:1992 made the following editorial changes.

--- The standard deleted international standards foreword.

This standard replaces GB/T 9280-1988 "Paints and varnishes stacking test." the previous version of Standard GB/T 9280-1988 main technical differences are as follows.

--- Increasing the number of board cut out from the test specimen, that is cut out from a specimen or two to cut out at least six specimens;

--- Increased if the test is easy to damage the coating, can be directly used 100mm x 75mm size specimen of specified tests;

--- Increased the number of tests the requirement that the test was repeated three times;

--- Added Appendix A.

Appendix A of this standard is a normative appendix.

The standard proposed by China Petroleum and Chemical Industry Association.

This standard by the National Standardization Technical Committee paint pigment.

This standard was drafted. in the construction of Changzhou coating Chemical Research Institute.

1 Scope

This standard is one of the series of standards for paints, varnishes and sampling and testing of related products.

This standard specifies under standard conditions, measure a single coat paints or related

products, composite coating system within the prescribed drying time by filling After drying points, damage resistance between the two when placed in contact with a painted surface or between the painted surface and the other surface under stressed conditions Standard Test Method for Performance.

The intent of this standard is to simulate the conditions to be painted objects stack up to each other.

Note: This test is also known as "anti-superimposition" of the test.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 3186 Paints, varnishes and raw materials for paints and varnishes - Sampling (GB/T 3186-2006, ISO 15528:2000, IDT) GB/T 9271 Paints and varnishes - Standard panels for (GB/T 9271-1988, eqv ISO 1514-1984) GB/T 9278 paint sample conditioning and testing temperature and humidity (GB/T 9278-2008, ISO 3270. 1984, Paintsand varnishesandtheirrawmaterials-Temperaturesandhumiditiesforconditioningandtesting, IDT) GB/T 13452.2 Paints and varnishes - Determination of film thickness (GB/T 13452.2-2008, ISO 2808:2007, IDT) GB/T 20777 Paints and varnishes examination and preparation of samples (GB/T 20777-2006, ISO 1513:1992, IDT)

3 Supplementary information needed

For any particular application, the test methods specified in this standard needs to improve with additional information. Contents of supplemental information in the appendix A listed.

4 Instrument

4.1

As shown in Figure 1, the test apparatus is composed of a base and a freely sliding pressure column components. Pressure column [pressed stigma diameter (50 ± 1) mm] maximum mass of 250g, its lower surface should be in close contact with the upper surface of the test piece.

Note: The pressure is recommended between the column and its lower surface is connected with a ball joint.

4.2

load, suitable for coating and intended to be used for mass load.

Note: generally suitable load mass range of 100g to 1000g.

GB/T 9280-2008/ISO 4622:1992