Singapore Standards Council

SS 5 : Part A2 : 2013(2018)

ISO 1513:2010, IDT

(ICS 87.040)

SINGAPORE STANDARD

Methods of test for paints, varnishes and related materials

– Part A2 : Examination and preparation of samples for testing

[ISO title : Paints and varnishes – Examination and preparation of test samples]

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– Part A2 : Examination and preparation of samples for testing

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This Singapore Standard was approved by the Chemical Standards Committee on behalf of the Singapore Standards Council on 25 January 2013.

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The Chemical Standards Committee, appointed by the Standards Council, consists of the following members:

		Name	Capacity
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Deputy Chairman	:	Dr Tay Kin Bee	*Individual Capacity*
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The Technical Committee on Surface Coatings, appointed by the Chemical Standards Committee, consists of representatives from the following organisations:

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Members	:	Ms Grace Cheok-Chan	*Green Mark Department, Building and Construction Authority*
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		Mrs Wong-Lin Tai Hoe	*TUV SUD PSB Pte Ltd*
		Dr Yin Xi Jiang	*Singapore Surface Engineering Association*

The Working Group appointed by the Technical Committee to assist in the preparation of this standard comprises the following experts who contribute in their *individual capacity*:

		Name
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Secretary	:	Ms Elane Ng
Members	:	Ms Karen Chen
		Ms Guo Yilin
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The organisations in which the experts of the Working Group are involved are:

AkzoNobel Paints (Singapore) Pte Ltd
DNT Singapore Pte Ltd
Housing & Development Board
Nippon Paint (Singapore) Co Pte Ltd
Pidilite Innovation Centre Pte Ltd
Setsco Services Pte Ltd
TUV SUD PSB Pte Ltd

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Contents

National Foreword

This Singapore Standard was prepared by the Working Group on the Review of Singapore Standard SS 5 Methods of Test for Paints, Varnishes and Related Materials appointed by the Technical Committee on Surface Coatings under the direction of the Chemical Standards Committee.

This is a revision of SS 5 : Part A2 : 2003 'Methods of test for paints, varnishes and related materials – Examination and preparation of samples for testing'. It is an identical adoption of ISO 1513 : 2010 'Paints and varnishes – Examination and preparation of test samples', published by the International Organization for Standardization.

Where appropriate, the words 'International Standard' in ISO 1513 : 2010 shall be read as 'Singapore Standard'. The references to International Standards shall be replaced by the following Singapore Standards:

International Standard	Corresponding Singapore Standard
ISO 1513	SS 5 : Part A2
ISO 15528	SS 5 : Part A1

For an overview of other parts to Singapore Standard 5, it is recommended to read the information in SS 5 : Part 0 'General introduction' which is issued separately.

Acknowledgement is made for the use of information from the above reference.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 1513 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This fourth edition cancels and replaces the third edition (ISO 1513:1992), which has been technically revised. It also incorporates the Technical Corrigendum ISO 1513:1992/Cor.1:1994. The main technical changes are:

a) the title has been changed to “Examination and preparation of test samples”;

b) the normative references have been updated;

c) a definitions clause with definitions of thixotropy and homogenization has been added;

d) the examination and mixing procedures for liquid and paste-like products have been combined into a single clause (Clause 5);

e) the type of sieve to be used for straining the sample is no longer specified.

Methods of test for paints, varnishes and related materials – Part A2 : Examination and preparation of test samples

1 Scope

This International Standard specifies both the procedure for preliminary examination of a single sample, as received for testing, and the procedure for preparing a test sample by blending and reduction of a series of samples representative of a consignment or bulk of paint, varnish or related product.

NOTE – The samples of the product to be tested are assumed to conform to ISO 15528.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4618 Paints and varnishes – Terms and definitions

ISO 15528 Paints, varnishes and raw materials for paints and varnishes – Sampling