

SS 5 : Part 0 : 2020
(ICS 87.040)

SINGAPORE STANDARD

**Methods of test for paints, varnishes and
related materials**

– Part 0 : General introduction

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The content of this Singapore Standard was approved on 16 October 2020 by the Chemical Standards Committee (CSC) under the purview of the Singapore Standards Council.

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CSC consists of the following members:

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Chairman	: Er. Lucas Ng	<i>Individual Capacity</i>
Deputy Chairman	: Mr Law Tat Win	<i>Individual Capacity</i>
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Co-opted Members	: Mr Cheah Sin Moh Mr Goh Tiak Boon Mr Kho Ho Meng Mr Seah Khen Hee Assoc Prof Lanry Yung	<i>Individual Capacity Individual Capacity Individual Capacity Individual Capacity Individual Capacity</i>

CSC set up the Technical Committee on Surface Coatings to oversee the preparation of this standard. The Technical Committee consists of the following members:

	Name	Representation
Chairman	: Mr Lim Eng Kiat	<i>Individual Capacity</i>
Secretary	: Ms Siti Khadijah Bte Abdul Hamid	<i>Standards Development Organisation @Singapore Chemical Industry Council</i>
Members	: Mrs Grace Cheok-Chan	<i>Standards Development Organisation @Singapore Chemical Industry Council</i>
	Mr Leo Cher	<i>Singapore Green Building Council</i>
	Dr Dien Pandiman / Ms Sathammai Ramanathan	<i>Pidilite Innovation Centre Pte Ltd</i>
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	Mr Salim Suwignjo	<i>Setsco Services Pte Ltd</i>
	Mr Yap Chu Ing	<i>Housing & Development Board</i>
	Mr Jeryl Yep	<i>Singapore Environment Council</i>
	Dr Yin Xi Jiang	<i>Singapore Surface Engineering Association</i>

The Technical Committee set up the Working Group on Methods of Test for Paints, Varnishes and Related Materials to prepare this standard. The Working Group consists of the following experts who contribute in their *individual capacity*:

	Name
Convenor	: Dr Li Sihai
Secretary	: Ms Siti Khadijah Bte Abdul Hamid
Members	: Ms Guo Yilin*
	Dr K A Khider Mohamed
	Ms Calista Lee
	Mr Lee Weyliang
	Ms Shirley Lim
	Ms Sathammai Ramanathan
	Mr Simplicio Escano Sala

*Note: Participation until July 2019

The organisations in which the experts of the Working Group are involved are:

AdMaterials Technologies Pte Ltd

Akzo Nobels Paints (Asia Pacific)

Haruna Paint Pte Ltd

Nippon Paint (Singapore) Co. Pte Ltd

Pidilite Innovation Centre Pte Ltd

Setsco Services Pte Ltd

TÜV SÜD PSB Pte Ltd

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Foreword

This Singapore Standard was prepared by the Working Group on Methods of Test for Paints, Varnishes and Related Materials set up by the Technical Committee on Surface Coatings under the purview of CSC.

This is a revision of SS 5 : Part 0 : 2013 “Methods of test for paints, varnishes and related materials – Part 0 : General introduction”.

The Singapore Standard SS 5 : Methods of Test for Paints, Varnishes and Related Materials, issued as individual parts were reviewed to keep in tandem with technological changes and kept abreast with ISO equivalents. Where an ISO equivalent test method is available, the corresponding part of SS 5 will be aligned with it. In some cases, a modified adoption was necessary. In other parts, other overseas standards were referred to during the review.

This standard is expected to be used by testing laboratories, paints suppliers and manufacturers, contractors, consultants, architects, industry associations and relevant government agencies.

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.

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions. Where SSs are deemed to be stable, i.e. no foreseeable changes in them, they will be classified as “Mature Standards”. Mature Standards will not be subject to further review, unless there are requests to review such standards.*
2. *An SS or TR is voluntary in nature except when it is made mandatory by a regulatory authority. It can also be cited in contracts making its application a business necessity. Users are advised to assess and determine whether the SS or TR is suitable for their intended use or purpose. If required, they should refer to the relevant professionals or experts for advice on the use of the document. Enterprise Singapore and the Singapore Standards Council shall not be liable for any damages whether directly or indirectly suffered by anyone or any organisation as a result of the use of any SS or TR. Although care has been taken to draft this standard, users are also advised to ensure that they apply the information after due diligence.*
3. *Compliance with a SS or TR does not exempt users from any legal obligations.*

Methods of test for paints, varnishes and related materials – Part 0 : General introduction

1 Scope

1.1 This part gives an overview on the methods of test issued as individual parts to the Singapore Standard SS 5.

1.2 The methods of test are intended primarily for use in the testing of materials for compliance with the related Singapore Standards and other specifications. They are also appropriate for general laboratory use and investigational purposes.