

Australian Standard[®]

**Solvents—Mineral turpentine and white
spirit**



This Australian Standard® was prepared by Committee CH-002, Solvents. It was approved on behalf of the Council of Standards Australia on 7 September 2009. This Standard was published on 1 October 2009.

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- Australian Institute of Petroleum
 - Australian Paint Approval Scheme
 - Australian Paint Manufacturers' Federation
 - Australian Pesticides and Veterinary Medicines Authority
 - National Association of Testing Authorities Australia
 - Plastics and Chemicals Industries Association
 - Surface Coating Association of Australia
 - The Royal Australian Chemical Institute
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Solvents—Mineral turpentine and white spirit

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PREFACE

This Standard was prepared by the Australian Committee CH-002, Solvents, to supersede AS 3530—1988.

The objective of this Standard is to provide requirements for mineral turpentine and white spirit.

The revision was undertaken to bring the Standard up-to-date in relation to currently available feedstock for which mineral turpentine and white spirit are derived.

The revision widened the aniline point specification for white-spirit-whole sample. There was no change to the mineral turpentine specification.

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STANDARDS AUSTRALIA

Australian Standard
Solvents—Mineral turpentine and white spirit

1 SCOPE

This Standard specifies requirements for mineral turpentine and white spirit.

2 REFERENCED DOCUMENTS

AS

2106 Methods for the determination of the flashpoint of flammable liquids (closed cup) (series)

ASTM

D86 Test method for distillation of petroleum products at atmospheric pressure

D130 Test method for corrosiveness to copper from petroleum products by copper strip test

D156 Test method for saybolt color of petroleum products (saybolt chromometer method)

D611 Test methods for aniline point and mixed aniline point of petroleum products and hydrocarbon solvents

D1298 Test method for density, relative density (specific gravity), or API gravity of crude petroleum and liquid petroleum products by hydrometer method

D1353 Test method for non-volatile matter in volatile solvents for use in paint, varnish, lacquer and related products

D4052 Test method for density and relative density of liquids by digital density meter

3 PROPERTIES

Mineral turpentine and white spirits shall conform to the requirements prescribed in Table 1.

4 SAMPLING

A representative sample taken from bulk shall be thoroughly mixed and placed in a clean, dry, air-tight glass container of not less than 500 mL capacity. The container shall be sealed using material insoluble in mineral turpentine and white spirit. The sample container in which the sample is stored should be appropriately labelled and shall not be exposed to direct sunlight before the material is tested.