

<b>Title</b>	<b>Demonstrate knowledge of preparation coatings and finish coatings used in furniture finishing operations</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: identify and explain the properties of preparation coatings used in furniture finishing operations; explain the preparation of coatings and their method of application in furniture finishing operations; demonstrate knowledge of finish coatings and their method of application in furniture finishing operations; and explain the personal protection, safe handling and storage requirements of preparation coatings and finish coatings in furniture finishing operations.
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<b>Classification</b>	Furniture > Furniture Operations
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 Assessment information  
This unit standard may be assessed against on-job or off-job.  
All activities and performance criteria must be carried out in accordance with reference text.
- 2 Reference  
Jackson, A and Day,D, (2nd ed.) (1999). *Good Wood Finishes*. London, England: Popular Woodworking Books, which is available at: <http://www.amazon.com>.
- 3 Legislation relevant to this unit standard includes the Hazardous Substances and New Organisms Act 1996 (HSNO).
- 4 Definition  
*SDSs (Safety Data Sheets)* are documents containing information on toxic substances used in the worksite. It is a requirement of the Environmental Protection Authority that all worksites using toxic substances have SDSs.

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## Outcomes and performance criteria

### Outcome 1

Identify and explain the properties of preparation coatings used in furniture finishing operations.

Range one water-based, one oil based, one solvent based and one fire proof example.

**Performance criteria**

- 1.1 Sealers used in furniture finishing are identified and their properties are explained.
- Range minimum three types of sealers.
- 1.2 Undercoats used in furniture finishing are identified and their properties are explained.
- Range minimum three types of undercoats.

**Outcome 2**

Explain the preparation of coatings and their method of application in furniture finishing operations.

Range one water-based, one oil based, one solvent based and one fire proof example.

**Performance criteria**

- 2.1 The preparation requirements for sealers and undercoats, in terms of method of application, are explained.
- 2.2 The benefits of applying sealers and undercoats prior to finish coatings are explained.
- 2.3 The drying requirements of sealers and undercoats prior to finish coatings are explained.

**Outcome 3**

Demonstrate knowledge of finish coatings and their method of application in furniture finishing operations.

Range one water-based, one oil based, one solvent based and one fire proof example.

**Performance criteria**

- 3.1 Types of finish coatings used in furniture finishing are identified and their purpose and uses are explained.
- Range a minimum of three types of finish coatings, with examples given of at least one clear finish and one pigmented finish.
- 3.2 The preparation requirements for finish coatings, in terms of method of application, are described.
- Range a minimum of three types of finish coatings, with examples given of at least one clear finish and one pigmented finish.
- 3.3 The drying requirements of finish coatings are explained.

**Outcome 4**

Explain the personal protection, safe handling and storage requirements of preparation coatings and finish coatings in furniture finishing operations.

**Performance criteria**

- 4.1 The personal protection requirements for handling and storing preparation coatings and finish coatings are explained in accordance with the SDSs for coatings.
- 4.2 Safe handling of preparation coatings and finish coatings is explained in accordance with the SDSs for coatings.
- 4.3 The storage requirements for preparation coatings and finish coatings used in furniture finishing are explained in accordance with the SDSs for coatings.

<b>Planned review date</b>	31 December 2024
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	19 March 2015	N/A
Review	2	27 August 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0173
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.