

Title	Demonstrate knowledge of and use adhesives in furniture making		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to: demonstrate knowledge of adhesives; demonstrate and apply knowledge of preparing to use adhesives; and use adhesives, in furniture making.
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Classification	Furniture > Furniture and Cabinet Making
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes the Health and Safety at Work (Hazardous Substances) Regulations 2017 and any subsequent amendments.
- 2 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 worksite policies and procedures.
- 3 Range
Demonstration of competence must include any two of – hot glue, PVA, aliphatic resins, contact glue, epoxy resins, casein glues, urea formaldehyde, polyurethane glue, melamine glue.
- 4 Personal protective equipment (PPE), appropriate to job requirements, must be selected and used in accordance with worksite policies and procedures and manufacturer's instructions. For this unit standard PPE includes but is not limited to – gloves, respirators or masks, goggles.
- 5 Definitions
Manufacturer's instructions are instructions provided by manufacturers of substances, equipment, and machinery used in furniture making. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.
MSDS refers to Material Safety Data Sheets which are documents containing information on toxic substances used in the worksite. It is a requirement of the Environmental Risk Management Authority that all worksites using toxic substances have an MSDS.
Worksite policies and procedures refer to documented policies and to documented or other directions provided to staff. These may include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production,

and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor's instructions. For the purposes of this unit standard worksite policies and procedures may also refer to the policies and procedures of an off-job training site.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of adhesives used in furniture making.

Performance criteria

- 1.1 Adhesives are explained in terms of a suitable use in furniture making.
- Range hot animal glue, PVA, aliphatic resin, contact glue, epoxy resin, casein glue, hot melt adhesive urea formaldehyde, polyurethane, melamine glue.
- 1.2 At least two adhesives available in the worksite are identified and the requirements for safe handling of these adhesives are explained in accordance with MSDS.
- 1.3 Two adhesives available in the worksite are compared and an advantage of using each one over the other is explained.

Outcome 2

Demonstrate and apply knowledge of preparing to use adhesives in furniture making.

Performance criteria

- 2.1 Job specifications are obtained and interpreted.
- Range material type, number of items.
- 2.2 Equipment and materials are selected in accordance with job specifications.
- 2.3 Materials are checked for defects and any defects are identified and marked, and any defective materials are omitted in accordance with job specifications.
- 2.4 Adhesives are selected in accordance with job specifications.
- 2.5 Safety precautions to be taken when using selected adhesives are explained in accordance with MSDS.
- 2.6 Adhesives and application equipment are prepared in accordance with manufacturer's instructions.

Outcome 3

Use adhesives in furniture making.

Performance criteria

- 3.1 The atmospheric conditions for gluing are checked to be in accordance with manufacturer's instructions.
- 3.2 Adhesives are applied in accordance with manufacturer's instructions and MSDS.
- 3.3 Equipment is cleaned and stored, and adhesives are stored, in accordance with MSDS.
- 3.4 Work area is left clean, clear, and safe.

Planned review date	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	23 February 1999	31 December 2023
Review	2	26 February 2002	31 December 2023
Review	3	19 June 2009	N/A
Review	4	10 December 2020	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.