

Title	Identify, select, and use adhesives and sealants for vehicle bodywork applications		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: identify the types and uses of adhesives used in the assembly of motor vehicle body components; use adhesives for bonding motor vehicle components; identify the types and uses of sealants used in the assembly of motor vehicle body components; and use sealants to seal and/or weatherproof joints as detailed in the job specification.
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Classification	Motor Industry > Vehicle Bodywork
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Available grade	Achieved
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Guidance Information

The following legislation and subsequent amendments must be followed where applicable:
 Hazardous Substances and New Organisms Act 1996;
 Health and Safety in Employment Act 1992;
 Resource Management Act 1991.

Outcomes and performance criteria

Outcome 1

Identify the types and uses of adhesives used in the assembly of motor vehicle body components.

Performance criteria

- 1.1 Adhesives and their uses are listed from manufacturer’s brochures.
- 1.2 Adhesives for bonding various materials are identified for the assembly work.
 - Range may include but is not limited to – plastics, glass, metals, timber and/or timber based products.
- 1.3 The uses of fillers and extenders for resin adhesives are identified according to adhesive manufacturer’s specifications.

Outcome 2

Use adhesives for bonding motor vehicle components.

Performance criteria

- 2.1 The conditions for bonding comply with the manufacturer's requirements.
- 2.2 Adhesive is selected and applied according to manufacturer's directions.
- 2.3 Precautions against health risks are taken.

Range ventilation, gloves, barrier cream, respirators or masks, goggles, washing.

Outcome 3

Identify the types and uses of sealants used in the assembly of motor vehicle body components.

Performance criteria

- 3.1 Sealants and their uses are selected from product specifications and manufacturer's brochures.
- 3.2 The correct sealants for particular situations are selected according to sealant manufacturer's specifications.

Outcome 4

Use sealants to seal and/or weatherproof joints as detailed in the job specification.

Performance criteria

- 4.1 The substrate is checked for smoothness and cleanliness.
- 4.2 Sealant is applied according to the specifications and manufacturer's instructions.
- 4.3 Precautions against health risks are taken.

Range ventilation, gloves, respirators or masks, barrier cream, goggles, washing.

Replacement information	This unit standard was replaced by unit standard 22801 and unit standard 22802.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 September 2002	31 December 2016
Review	2	19 May 2006	31 December 2016
Reinstatement	3	16 April 2010	31 December 2020
Rollover	4	19 November 2010	31 December 2020
Rollover	5	22 August 2014	31 December 2020
Rollover	6	22 October 2020	31 December 2021

Consent and Moderation Requirements (CMR) reference	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.