

<b>Title</b>	<b>Demonstrate knowledge of adhesives and sealants used in the automotive industry</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of adhesives and sealants used in the automotive industry.
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<b>Classification</b>	Motor Industry > Vehicle Bodywork
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and references  
Performance of the outcomes of this unit standard must comply with the following:  
Health and Safety at Work Act 2015.
- 2 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 3 Definitions  
*Company requirements* refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.  
*Safety Data Sheets (SDS)* provide information about handling, use, storage and disposal of adhesives and sealants that may be hazardous. They also alert people to symptoms they will experience if they are exposed to the adhesives and sealants, and provide basic first aid procedures. All suppliers must produce an SDS for the product they manufacture.  
*Service information* may include – technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.  
*Technical Data Sheets (TDS)* refer to documents produced by the manufacturer of a product which contain technical information about the product and instructions on its correct use.
- 4 Assessment  
Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturers specifications, service information, company requirements and legislative requirements.

## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of adhesives and sealants used in the automotive industry.

### Performance criteria

- 1.1 Adhesives and sealants are identified in accordance with the TDS.  
Range may include – single pack, two pack, acrylic, epoxy, urethane.
- 1.2 Curing of adhesives and sealants is described.  
Range air curing, heat curing, chemical reaction.
- 1.3 Methods of applying sealants and adhesives are described.  
Range brush, spray, applicator gun.
- 1.4 Safe working practices when using, storing and disposing of adhesives and sealants are described from the SDS.

<b>Replacement information</b>	This unit standard and unit standard 22802 replaced unit standard 19632.
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<b>Planned review date</b>	31 December 2027
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 May 2006	31 December 2018
Review	2	21 April 2016	31 December 2023
Review	3	10 December 2020	31 December 2027
Review	4	25 May 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0014
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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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.