

Title	Demonstrate knowledge of adhesives and sealants used in the automotive industry		
Level	3	Credits	3

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

- 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. This includes the knowledge and use of suitable tools and equipment.
- Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of the Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 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.

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.

Replacement information	This unit standard and unit standard 22802 replaced unit standard 19632.
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Planned review date	31 December 2025
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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	N/A

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>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.