



Australian Government

AURVTT021 Select and apply adhesives in automotive and marine service and repair work

Release: 1

AURVTT021 Select and apply adhesives in automotive and marine service and repair work

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to select and use adhesives with a range of automotive and marine surfaces. It involves preparing for the task, selecting and using tools and equipment, and completing workplace processes and documentation.

It applies to those working in the automotive service and repair industry. The adhesives include those used with automotive, marine, motorcycle, aircraft or recreational vehicle materials.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Competency Field

Vehicle Body

Unit Sector

Technical - Trimming and Upholstery

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Prepare for work	1.1 Job requirements are determined from workplace instructions 1.2 <i>Adhesive information</i> is accessed and interpreted 1.3 Hazards associated with the work are identified and risks are managed

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
	1.4 Tools and equipment, including personal protective equipment (PPE), are selected and checked for serviceability 1.5 Work area is prepared and work is planned to minimise waste and use time efficiently
2. Select adhesive	2.1 Appropriate adhesive for specific automotive materials is selected according to manufacturer specifications and workplace procedures 2.2 Specific safety data sheet (SDS) information for selected adhesive is identified and followed
3. Apply adhesive to prepared surfaces	3.1 Surfaces are cleaned and prepared according to adhesive manufacturer specifications 3.2 Adhesives are applied according to workplace procedures and safety and environmental requirements , and without causing damage to system or components
4. Complete work processes	4.1 Final adhesive selection is made and presented for use 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected 4.3 Tools and equipment are checked and stored according to workplace procedures 4.4 Workplace documentation is processed according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance and are not explicit in the performance criteria.

Skills	Description
Learning skills to:	locate appropriate sources of information efficiently.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	- clarify instructions and procedures - clearly report quality issues and job outcomes.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within

Skills	Description
	workplace timeframes.
Technology skills to:	use specialist adhesive tools and equipment.

Range of Conditions

This section specifies work environments and conditions that may affect performance.

Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Adhesive information</i> must include:	- adhesive-specific specifications - adhesive-specific application and removal instructions and processes - SDS information - manufacturer specifications.
<i>Safety and environmental requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using PPE - using SDS for adhesives - using specialist tools and equipment - storing adhesives - environmental requirements, including procedures for trapping, storing and disposing of adhesives and waste materials.

Unit Mapping Information

Equivalent to AURVTT3021 Select and use adhesives

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Assessment Requirements for AURVTT021 Select and apply adhesives in automotive and marine service and repair work

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- select and apply adhesives to three different automotive or marine components, in which the work must involve one door trim.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to selecting and applying adhesives in automotive and marine service and repair work, including procedures for:
 - selecting and using PPE
 - using safety data sheets (SDS) for adhesives
 - using specialist tools and equipment
 - storing adhesives
- environmental requirements, including procedures for trapping, storing and disposing of adhesives and waste materials
- adhesive manufacturer specifications
- adhesive types required for different automotive and marine materials
- adhesive application techniques and procedures, including:
 - surface preparation
 - application
 - cleaning and disposal
- procedures for protecting vehicle, vessel and components when applying adhesives
- procedures for final inspection of applied adhesive.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the adhesives they have selected and used on vehicles, vessels and components, e.g. work orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive or marine trimming workplace or simulated workplace
- workplace instructions
- instructions relating to the selection and use of adhesives
- SDS for adhesives
- adhesives
- PPE required to use adhesives
- three different automotive or marine components as specified in the performance evidence requiring the use of adhesives
- tools, equipment and materials appropriate for applying adhesives.

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