



Australian Government

AURVTT121 Select and apply adhesives in automotive and marine service and repair work

Release: 1

AURVTT121 Select and apply adhesives in automotive and marine service and repair work

Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Application

This unit describes the skills and knowledge 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.

The unit 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.

Unit Sector

Vehicle Body Technical - Trimming and Upholstery

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for work	1.1 Determine job requirements from workplace instructions 1.2 Access and interpret adhesive information 1.3 Identify hazards associated with the work and manage risks 1.4 Select tools and equipment and check for serviceability 1.5 Prepare work area and plan work to minimise waste and use time efficiently
2. Select adhesive	2.1 Select required adhesive for specific automotive materials according to manufacturer specifications and workplace procedures

ELEMENTS	PERFORMANCE CRITERIA
	2.2 Identify and follow specific safety data sheet (SDS) information for selected adhesive
3. Apply adhesive to prepared surfaces	3.1 Clean and prepare surfaces according to adhesive manufacturer specifications 3.2 Apply adhesives according to workplace procedures and safety and environmental requirements, and without causing damage to system or components
4. Complete work processes	4.1 Make final adhesive selection and present for use 4.2 Clear work area and dispose of or recycle materials according to workplace procedures 4.3 Complete documentation according to workplace procedures

Foundation Skills

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

SKILL	DESCRIPTION
Learning	Locates required sources of information efficiently.
Oral communication	- Clarifies instructions and procedures - Reports quality issues and job outcomes clearly.
Planning and organising	- Plans own work requirements - Prioritises actions to achieve required outcomes - Ensures tasks are completed within workplace timeframes.
Technology	Uses specialist tools and equipment.

Unit Mapping Information

Supersedes and is equivalent to AURVTT021 Select and apply adhesives in automotive and marine service and repair work.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for AURVTT121 Select and apply adhesives in automotive and marine service and repair work

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

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

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to select and apply adhesives in automotive and marine service and repair work, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to select and apply adhesives in automotive and marine service and repair work, including:
 - establishing serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials
 - recycling procedures
- work health and safety (WHS) 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
- information relating to adhesives, including:
 - adhesive-specific specifications
 - adhesive-specific application and removal instructions and processes
 - SDS information
- 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

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.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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