



Australian Government

AURVTP111 Apply solid acrylic two-pack materials to vehicle components

Release: 1

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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 apply solid acrylic two-pack materials to a variety of vehicle components by spray gun application. This unit involves preparing for the task, selecting and using specialist tools and equipment, mixing and applying automotive paint materials according to manufacturer specifications, and completing workplace processes and documentation.

The unit applies to those working in the automotive refinishing industry.

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

Unit Sector

Vehicle Body Technical - Paint

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 Identify job requirements from workplace instructions 1.2 Identify hazards associated with the work, assess potential risks and implement control measures in line with workplace policies and procedures 1.3 Identify tools, equipment and chemicals required for refinishing activity and establish serviceability according to workplace procedures
2. Carry out application activities	2.1 Mix and apply two-pack materials according to workplace procedures, manufacturer specifications, industry standards and workplace health and safety and environmental

ELEMENTS	PERFORMANCE CRITERIA
	requirements 2.2 Dry materials according to workplace procedures 2.3 Check paint finish against manufacturers specifications 2.4 Remove paint surface faults using compounds, polishes and glazes
3. Complete work processes	3.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 3.2 Clear work area and dispose of or recycle materials according to workplace procedures 3.3 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.
Reading	- Interprets workplace instructions such as job cards - Organises and interprets technical information from workplace procedures, manufacturer specifications, industry standards and paint technical data sheets (TDS) and safety data sheets (SDS).
Oral communication	- Clarifies instructions and procedures - Reports quality issues and job outcomes clearly.
Numeracy	- Uses basic mathematical operations, including addition, subtraction, multiplication and division to: - calculate quantities of required materials - measure and determine ratios for mixing paint materials - Sets spraying and drying equipment.
Planning and organising	- Plans own work requirements - Prioritises actions to achieve required outcomes - Ensures tasks are completed within workplace timeframes.
Technology	Uses specialist equipment.

Unit Mapping Information

Supersedes and is equivalent to AURVTP011 Apply solid acrylic two-pack materials to vehicle components.

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 AURVTP111 Apply solid acrylic two-pack materials to vehicle components

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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:

- apply solid acrylic two-pack materials to at least three different vehicles
- in the course of the above work, apply solid acrylic two-pack paint to:
 - two different vehicle panels
 - two different vehicle full sides
 - two different vehicle front ends or rear ends
- check the above paintwork and rectify paint surface faults as required.

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 apply solid acrylic two-pack materials to vehicle components, including:
 - paint manufacturer's specifications
- workplace procedures required to apply solid acrylic two-pack materials to vehicle components including:
 - establishing the 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
- workplace health and safety (WHS) requirements relating to applying solid acrylic two-pack materials to vehicle components, including procedures for:

- selecting and using personal protective equipment (PPE)
- using technical data sheets (TDS) and safety data sheets (SDS) for solid acrylic two-pack materials
- handling and storing paint materials
- using tools and equipment
- using approved drying area
- environmental requirements relating to applying solid acrylic two-pack materials to vehicle components, including procedures for trapping, storing and disposing of waste materials
- types and use of solid acrylic two-pack paint materials
- types and use of spray guns, including:
 - spray gun operation and spraying techniques
 - spray gun cleaning and maintenance methods
- paint application methods and techniques, including:
 - drying methods for solid acrylic two-pack materials
 - paint surface fault identification and rectification procedures
 - correct use of positive air feed masks
- procedures for protecting vehicle and components when applying solid acrylic two-pack materials
- procedures for final inspection of solid acrylic two-pack painted surfaces, including:
 - checking colour, texture, depth and gloss
 - ensuring paint finish is contaminant-free
 - ensuring paint finish blends into surrounding surfaces.

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 solid acrylic two-pack materials they have applied to vehicle components, e.g. repair 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 repair workplace or simulated workplace
- workplace instructions
- manufacturer specifications
- TDS and SDS for solid acrylic two-pack materials
- PPE required to apply solid acrylic two-pack materials
- solid acrylic two-pack paint materials

- three different vehicles with components specified in the performance evidence requiring spray painting using solid acrylic two-pack materials tools, equipment and materials appropriate for applying solid acrylic two-pack materials.
- tools, equipment and materials appropriate for applying solid acrylic two-pack materials.

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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