



### Spray Painting

Many of the solvents and chemicals used in spray painting are health hazards, fire risks and have the potential to contribute to atmospheric pollution. Paint particles suspended in the air and odours associated with the use of solvents and paints can create environmental problems and raise health and safety concerns.

**Therefore spray painting must not be performed outdoors. It should be conducted in a proper booth, which has an exhaust fan, sealed windows and doorways, and a filtering or washing system.**

Employers with continual spray painting work processes must ensure that the following equipment is provided:

- A spray painting booth that complies with Australian Standards 4114,
- Appropriate dangerous goods storage facilities for paint and flammable solvents,
- Personal Protective Equipment for all operators and effected people.

### Spray Painting Management

- Minimise the amount of paint and solvent stored on site. This will reduce hazards and waste.
- Implement high standards of housekeeping that reduce the risk of fires and spills.
- Make sure that all spray painting is carried out inside an approved spray painting booth.
- Review all materials used and always purchase the least harmful paints and solvents available.
- Use technology and staff training techniques to reduce the amount of paint and solvent used in a job (this includes high solids paints and HVLP spray equipment).
- Regularly inspect and maintain your spray booth in accordance with the manufacturers' specifications.
- Save money and avoid spills by converting diesel fired ovens to gas fired ovens.
- Have your booth burners serviced at least annually.
- Install a gun wash machine.
- Recycle gun wash with a solvent recovery machine, or dispose only with an EPA licensed contractor.
- Ensure that spray painters and others are protected from the harmful effects of the paint material by following the instructions and controls as specified in the Material Safety Data Sheets.

### Disposal of Spray Painting Material

- Discharges should pass out of the premises via a vertical, open topped stack.
- This should be at least three metres higher than the highest roof level within fifteen meters.
- The exhaust velocity must be a least ten metres per second.
- Filtering devices should be properly and regularly maintained.
- Two pack type paints must only be used in water wash booths, with the accumulated sludge, waste paints and thinners/solvents collected and disposed of as Prescribed Industrial Waste.

### Important Link

- Industrial Waste Resource Guidelines *Motor Vehicle Repair and Service Premises* found at <http://www.epa.vic.gov.au/waste/industrial-waste-guidelines.asp> under *6.4 Additional Guidance*.

### Further Information



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