Airless Sprayer - Safety Guide – Read before Operating Equipment

WARNING - Some Hire Equipment can cause Death or Serious Injury if used or operated incorrectly. Read and understand these instructions carefully before using this equipment. Know the controls and how to stop the unit quickly in an emergency. Use common sense and lots of it. Your safety and those around you is your responsibility.

WARNING – Your own Risk Assessment should be carried out before commencing any work. Five steps to basic risk assessment.
1 Identify the hazards 2 Decide who might be harmed and how 3 Evaluate the risks and decide on precaution 4 Record your findings and implement them 5 Review your assessment and update if necessary.

For more information or Risk Assessments on specific equipment visit our web site www.allequipmenthire.com.au

Personal Protective Equipment (PPE)

Always wear correct and appropriate Personal Protective Equipment (PPE) for the job at hand such as but not limited to:
- Safety glasses or goggles.
- Ear muffs or ear plugs.
- Dust mask or respirator.
- Protective gloves.
- Close fitting protective clothing - Hard hat / hairnet.
- Protective or safety boots and footwear.
- Weld mask.
- Harnesses.
- Be alert and cautious when wearing hearing protection as your ability to hear warnings (shouts, alarms etc.) is restricted.
- You must do your own risk assessment with regard to the correct PPE to wear.

General Safety Guide

- Do your own risk assessment for all jobs to be undertaken.
- Seek advice from your Doctor if you suspect you have any medical condition that may be affected by manual work or the operation of equipment.
- Do not use machinery if you feel tired or under the influence of alcohol, drugs or medication. Do take regular rest breaks.
- Do not operate equipment that you are not licensed, unfamiliar with or are not competent to operate. Never let untrained people use the equipment.
- Ensure you know how to operate it safely, and be able to shut it down correctly in an emergency or if you experience unexpected movement.
- Check controls for proper response. Shut down the machine if a fault is detected. Do not try to repair faulty equipment.
- Check the condition of the machine at the start and end of each day or shift and report any damage or defects. Do not operate if faulty.
- Operate in clear open spaces were possible and if not possible be conscious of your surroundings and consider having an observer stand by.
- You should never operate high risk equipment without someone observing you at all times.
- Be mindful that using some equipment may change the structural strength of your surroundings. (e.g. demolition, excavation, trenches, wall removal)
- Ensure clear access and egress to where you are working. Always keep the work area well lit and hazard free. A tidy work area is a safe area.
- Always have secure footing and balance and firm two handed grip. Never work on damp, wet or slippery surfaces. Use harnesses where applicable.
- Always run and operate machines and equipment on flat, level and solid ground.
- Do not overreach. Hand tools should not be used above shoulder height. Keep all controls, handles and levers clean, dry and free from oil & fuel etc.
- Prolonged use of hand operated equipment exposes the user to vibrations. Stop using the tool if they feel numbness or inability to feel temperatures.
- Always keep guards in place and in working order. Do not continue to use faulty or damaged equipment. Keep hands away from moving parts.
- Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewellery which may get caught in the moving parts.
- Never permit children, other people or animals to loiter near the work area. Never allow children to operate any machine even under supervision.
- Do not fool around while operating equipment; always keep the machine under control. Never leave a machine running unattended.
- Never force a tool, blade or attachment to do a job for which it was not designed. When using attachments, ensure they are fitted correctly and practice the operation before beginning work. Isolate power source before changing accessories, attachments, blades, drill bits or parts.
- Do not rush or take risks when operating equipment. Never force a machine, let the machine do the job.
- Select the correct equipment for the job you are undertaking. Always use the right tools. Keep hands, body away from pinch areas & moving parts.
- Disconnect spark plug lead on petrol driven equipment before changing blades or attempting any servicing.
- Dial before you dig. Always check the location of electricity, gas, telephone, water and other services before cutting, excavating or demolition work.
- Do not wipe plastic parts with solvents, such as petrol, thinner, alcohol or ammonia, as they could melt or crack, rendering the machine unsafe.

Safety Guide for this Equipment

- Your own Risk Assessment should be carried out before commencing any work.
- Check the condition of the machine at the start and end of each day or shift and report any damage or defects. Do not operate if faulty.
- This machine is designed to spray water based paints only. It should not be used for any other purpose. Never spray flammable or combustible material with this machine.
- Paint flowing through the machine can create static electricity. Static electricity creates a risk of fire or explosion in the presence of paint or solvent fumes. Use only water based paint and never modify or use any other accessory other than those supplied.
- Keep spray area well ventilated. Do not allow paint to spray on unit. Keep spray unit well away from area to be sprayed.
- Keep area clean and free of any flammable paint or solvent containers and other flammable material.
- Know the contents of the paint to be sprayed. Read all Material Safety Data Sheets (MSDS) to ensure it is water based paint.
- Always use correct Personal Safety equipment (you must do your own risk assessment with regard to the correct PPE to wear)
- Always run this machine flat and level and transport in the upright position. Never lay machine on its side.
- Prior to using this machine the work area must be clear of all hazardous obstructions.
- This is a one person machine. Keep children, pets and other people well away from where you are working.
- Before adjusting, cleaning, repairing, removing foreign matter, and inspecting the Machine, shut off the engine and wait for all moving parts to stop

This is a Guide only. Use your own judgment. Do not use or operate this equipment if you are unsure or in doubt of its capabilities, designed use, or its proper operation. For further Information, contact All Equipment Hire and ask for more advice or instruction with regard, to the safe operation of this equipment. If the equipment is not operating correctly, or not doing the job you expected. Do not continue. Do not attempt repairs. Please telephone to let us know and return it to the branch for exchange or repair.

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and release pressure from machine.

- Never aim the gun at or spray any person or animal. Keep hands and other body parts away from the discharge. Never try to stop leaks by hand.
- Never place hands or other body parts near rotating or moving parts. Always use the nozzle tip guard, do not spray without tip guard in place.
- Use caution when cleaning and changing nozzle tips. Pressure relief procedure must be followed before removing the nozzle tip to clean.
- Never leave machine running, energized or under pressure when not in use or leaving unattended. Turn unit off and follow the pressure relief procedure.
- Avoid touching the body of the machine as it gets hot.
- Always engage the trigger lock when not spraying. Check that the lock is operating properly.
- High pressure spray is able to inject toxins into the body and cause serious injury. If this occurs get immediate medical treatment.
- Use only attachments supplied. Never modify attachments or this machine in any way.
- Never drag the machine by the hose or electric cord.
- Place the paint sprayer as far away from the work area as possible. Use spray gun at full length of hose.
- Never stand on the unit.
- Always maintain a firm foothold. Do not use on an insecure support or structure. Keep effective footing and balance at all times. Do not over reach.
- Do not kink or over bend the hose

**Electrical Safety**

- Never use the tool in damp or wet places, and never expose them to rain. Do not handle the plug or unit with wet hands or gloves. Keep leads off floors and protect them from being cut, pinched or crushed. Do not lay across paths or driveways.
- Always make sure the power supply is protected by a Residual Current Device (RDC) safety switch or use an approved portable unit.
- Do not use the tool in the presence of flammable liquids or gases unless specifically designed for that purpose.
- Never carry tool from the cord or yank it to disconnect from the power supply. Keep cord from heat, oil and sharp edges. Never use the machine if the cord is cut, cracked, worn or damaged. Inspect tool and leads for damage before operating (damage could of accrued during transport)
- Never risk unintentional starting when plugging in the tool. Confirm the switch is in the OFF position before inserting the power plug in the receptacle.
- Always disconnect the tool from the power supply (unplug) before changing accessories, attachments, blades, drill bits etc.
- When not in use, tools should always be unplugged from power supply, stored safely and place out of reach of children.
- Never lock switches in ‘ON’ position with tape, wire or by any other means and never attempt to repair a damaged piece of equipment.
- Never use extension leads that are longer than 15mts (this will cause voltage drop and could risk personal safety and damage equipment)
- Old switch boards sometimes do not have sufficient power to operate some large single phase electric tools.
- If overload button on the tool or switch board continually cuts out check the power supply, length of extension lead or ensure you are not over loading the machine by using excessive force or not giving the electric motor a chance to cool down.
- Use equipment as close to a reliable power supply as possible. Always ensure extension leads are fully uncoiled before use.

**Starting Safety – Electric Tools**

- Never attempt to start when the unit is still under pressure. Use pressure relief procedure.
- Double check machine is turned off before turning power on at power point.
- Before starting check power lead is not damaged. It could have been damaged in transport. Do not work in the rain.
- Plug lead into a power outlet that is protected by a Residual Current Device (RDC) safety switch or use an approved portable unit.
- Ensure hands are dry before handling the machine, plugging in, switching it on or off or disconnecting it from the power.
- Never use extension leads that are longer than 15mts (this will cause voltage drop and could risk personal safety and damage equipment)
- Use equipment as close to a reliable power supply as possible. Always ensure extension leads are fully uncoiled before use.

**High pressure**

- Never direct the high pressure spray onto bare skin as fluid may enter blood stream and cause death or serious injury.
- Never aim the jet in the direction of people, animals, electric installations or any other electrical conductors.
- If this occurs get immediate medical treatment.
- Paint jets resulting from leaks may be dangerous. They should always be immediately rectified

**Handling and Transport**

- Ensure all equipment and loads are securely restrained and are unable to become dislodged, move or fall when transporting.
- Always transport equipment in an upright position. Never transport equipment unrestrained. This equipment is heavy.
- Use correct lifting techniques. Bend knees, hold load close to body, back straight. Only lift within your own limits. Get help or use lifting equipment.

**Notes**

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