SAFETY PRECAUTIONS

READ THIS CAREFULLY BEFORE OPERATING SPRAY EQUIPMENT.

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.

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(REV. C)

⚠ WARNING

HIGH PRESSURE EQUIPMENT

IMPROPER USAGE OF EQUIPMENT COULD RESULT IN SERIOUS INJURY. THE POSSIBILITY OF INJECTION INTO THE FLESH IS A POTENTIAL HAZARD. NEVER ALLOW ANY PART OF THE HUMAN BODY TO COME IN FRONT OF, OR IN DIRECT CONTACT WITH, THE MATERIAL OUTLET.

AN INJECTION INJURY CAN BE SERIOUS! IF AN INJECTION SHOULD OCCUR, CONTACT A QUALIFIED PHYSICIAN FOR IMMEDIATE TREATMENT OF SUCH INJURIES.

⚠ WARNING

⚠WARNING **HIGH PRESSURE DEVICE. High pressure can cause serious injury. Safety precautions should be taken while servicing or operating high pressure equipment.**

PREVENT STATIC SPARKING

- If static sparking occurs, fire or explosion could result.
- Pump, spray gun and containers **must** be grounded when handling inflammable fluids such as solvents, paints, lacquers, etc. and wherever discharge of electricity is a hazard.
- Use grounded hoses (static wire) and be sure the object you are coating is grounded if it can produce a static charge.
- Continuity (a good static wire connection) of a hose can be checked by using an ohmmeter. Place one probe on one hose fitting and the other probe on the other hose fitting. Continuity or proper grounding through the hose is good when a reading is obtained on the ohmmeter.
- Use only conductive airless spray hose.

⚠ DANGER

- **Do not grab the front end of the gun. Do not aim the gun at any person or any part of the body.** Paint or coating fluid under high pressure can penetrate the human body due to velocity with which it is released, and may cause serious injury.
- **Do not exceed the maximum working pressure of any component in the system** (including, but not limited to, spray guns, hose, hose connections, heaters and pumps). NOTE: Liquid pressure at the outlet or gun may be many times the air inlet gauge pressure of air operated pumps.
- **Do not alter equipment in any manner whatsoever.**
- **Disconnect the pump power source and release all pressure before disassembly or removal of any part.**
- **Check** hoses for weak or worn condition before each use, and tighten all fluid connections securely.
- **Relieve all pressure from the system when not in use.**

INGERSOLL RAND COMPANY LTD
P.O. BOX 151 • ONE ARO CENTER • BRYAN, OHIO 43506-0151
(800) 276-4658 • FAX (800) 266-7016

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CLEANING PROCEDURES

FOR CLEANING: USE SOLVENT WITH HIGHEST POSSIBLE FLASH POINT, THAT IS COMPATIBLE TO MATERIAL BEING USED, AND FOLLOW SAFETY PROCEDURES.

1. Shut off air pressure or power to pump and relieve liquid pressure in system through manual relief valve at outlet filter, on those models equipped, or trigger gun making sure pressure is relieved. NEVER attempt to force paint backward from gun through hose to pump and paint container.
2. If spray gun is being used, place gun safety lock in closed position and remove spray tip from gun. Place tip in small container of solvent for soaking and final cleaning. Use soft bristle brush to remove any paint collection on tip. If tip orifice is clogged, remove obstruction by using air blow gun applied to outlet of orifice at front of tip and blowing back through rear of tip. If obstruction will not blow out, use cleaning wire, toothpick or brush bristle to dislodge. Never attempt to clean tip while it is attached to spray gun.
3. Remove spray gun from hose and clean exterior with suitable solvent and brush. Allow gun to soak in solvent for a short time if necessary to soften accumulation. After cleaning, wipe exterior of spray gun with dry cloth. (NOTE: Interior of spray gun has not yet been cleaned.)
4. Remove pump from paint container and place pump inlet into container of suitable clean solvent.
5. Direct open end of hose into paint container and start pump by applying only sufficient air pressure to cycle pump slowly and to force paint from pump and hose into grounded paint container. When solvent begins to flow from hose, switch hose to grounded solvent container. Increase air pressure to pump allowing solvent to circulate through pump, hose, and back to container for approximately one minute or until examination indicates hose and system is clean.
6. Whenever an airline swivel filter is being used, remove from hose and gun, disassemble, and clean.
7. Shut off air pressure or power to pump and assemble gun to end of hose.
8. Direct end of gun without tip into top of grounded solvent container and release safety lock on gun so trigger can be retracted.
9. Start pump with gun trigger retracted. Increase air pressure until sufficient pressure is obtained to cause pump to cycle approximately 25 cycles per minute. Purge gun approximately one minute while intermittently operating trigger. Adjust packing gland if necessary to prevent leakage.
10. Shut off air pressure to pump and pull gun trigger to relieve pressure in system while gun is still directed into grounded solvent container.
11. Place safety lock on gun in closed position and reassemble cleaned spray tip to gun; wipe all exterior surfaces clean.
12. Disconnect pump from air or power source.