

CAUTION

SAFETY REQUIREMENTS!

On-The-Job Safety Requires that YOU Follow These Simple Requirements!

GROUNDING:

ALL conductive objects in the spray area **MUST** be grounded, including (but not limited to) the following:

- spray booth
- booth floor
- conveyor
- workholder(s)/hook(s)
- solvent containers
- workpieces
- applicator handles / supports
- loose, conductive objects
- ALL personnel
- power supply / control panel (these **MUST** be located **OUTSIDE** the spray area)

WARNING!

1. **DO NOT** cover the floor with **ANY** insulating material.
2. **DO NOT** wear insulating gloves (**UNLESS** the palms have been cut out to allow bare skin contact with the equipment). Gloves containing conductive fibers are acceptable. If gloves are worn for chemical safety, grounding wrist straps may be connected from the operator's wrist to the gun assembly.
3. **DO NOT** wear insulating shoes.
4. ALL containers **MUST** be properly grounded during the transfer of flammable material.
5. Where operating conditions require the coating material container to be placed on an insulated stand, the high voltage **MUST** be **OFF** and the container **MUST** be grounded while **ANY** person is near it. (Also see ITW Ransburg Caution Sign, **SL-00-08, HANDLING COATING MATERIALS SAFELY.**)

FLAME, FLAMMABLES, AND SPARKS:

1. Flames and sparks must **NEVER** be allowed in the spray area.
2. **ONLY** the **MINIMUM** necessary flammable liquid may be allowed in the spray area and **ONLY** in approved, grounded containers. (A maximum of one gallon of solvent per container).
3. Functioning, correctly maintained fire extinguishing equipment **MUST** be available in the spray area.
4. The high voltage **MUST** be **OFF** during the transfer (or stirring) of flammable liquids.

DISTANCE FROM GROUND:

1. When using listed resistive solvent base atomizers, the gun target distance may be as close as 0" to 12" to grounded objects. When using non-resistive or waterborne atomizers, the applicator to ground distance **MUST** be no closer than the stated minimum safe distance for that atomizer. (See the applicator service manual.)

HOUSEKEEPING:

1. Good housekeeping **MUST** be maintained at **ALL** times.
2. Keep **ALL** hooks and work holders free of accumulated coating material. (Strip and clean them frequently.)
3. As often as it is needed, clean **ALL** coating material accumulation **OFF** of the applicator barrel and/or insulator using a nonpolar solvent. (Refer to the equipment's Service Manual "Appendix" Section or see Technical Literature, **TL-00-03, Paint & Solvent Specifications and Viscosity Conversion Charts.**)
4. Flush fluid lines into a grounded container or evacuation system, **NOT** onto the floor or walls.
5. The spray area **MUST** be clean and free of accumulated coating material.

EQUIPMENT:

1. **ALL** equipment should be checked regularly for defects or malfunctions which might effect efficiency or safety. Safety problems **MUST** be corrected immediately.
2. Short circuit output currents **MUST** be within the manufacturers specified limits.
3. **NEVER** immerse assembled handguns in **ANY** liquid.
4. **ALWAYS** use equivalent (to original specifications) part and hose replacements. (Refer to the equipment's Service Manual "Appendix" Section for the *Volumetric Content of Hose or Tube Charts.*)

PERSONNEL:

1. Adequate ventilation **MUST** be provided during **ALL** coating, cleaning, maintenance, and/or service operations.
2. **ALL** power to and through the equipment **MUST** be **OFF** prior to cleaning, maintaining, or servicing it (within the spray area).
3. A functioning grounding cable and hook **MUST** be attached to the atomizing head of automatic applicators prior to touching, cleaning, maintaining, or servicing them.
*NOTE: Automatic equipment booths **MUST** be equipped with a readily available grounding cable with hook.*
4. Keep **ALL** untrained and/or unauthorized personnel out of the spray area.
5. ALL operating (and associated) personnel **MUST** read and understand the appropriate operating, service, and safety instructions and the Occupational Safety and Health (OSHA) Standard, Section 1910.107, particularly paragraphs (g), (i), and (l).
6. The high voltage should be **OFF** except during actual coating operations.
7. **DO NOT** permit horseplay.