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OUR COMMITMENT TO YOUR SAFETY

At TCI, we prioritize safety by:

- Conducting regular PPE inspections and maintenance
- Encouraging feedback and suggestions on PPE use and safety measures
- Providing mandatory PPE training upon request

TCI adheres strictly to the legal standards and regulations set forth by national and local safety authorities. It is every employee's responsibility to understand and comply with these regulations, as they pertain to their specific roles and the PPE provided.

Disclaimer: Always check with your local and state regulations in addition to the information we have provided.



www.tcipowder.com



PERSONAL PROTECTIVE EQUIPMENT USAGE

Personal Protective Equipment, or PPE, is your last line of defense against various workplace injuries. Please use this guide to properly select and use the PPE provided to you.





Personal Protection Equipment (PPE) is equipment provided by your employer designed to protect the operator's body from injury or infection and may include clothing, helmets, goggles, or other garments or equipment.

IS PPE REQUIRED?

PPE is required for your process if there is some sort of health or hazardous risk present in the process. These risks can be found in Safety Data Sheets (SDS). They provide information from suppliers of the consumable materials used in your process, including paint, powder, solvent, pretreatment chemicals, or blast media.

WHY PPE MATTERS

PPE is crucial in minimizing exposure to hazards that cause serious workplace injuries and illnesses. The hazards addressed by protective equipment include physical, electrical, heat, chemical, biohazards, and airborne particulate matter. The purpose of personal protective equipment is to reduce employee exposure to hazards when engineering and administrative controls are not feasible or effective to reduce these risks to acceptable levels. PPE is needed when there are any potential hazards present.

POWDER COATING PPE

If the operator is conducting the spray activity within the spray booth, then the PPE requirements increase to either a full respirator or breathable air supply for inhalation risks, face shield, protective clothing, conductive gloves for skin, and eye protection. The respirator must meet the NIOSH requirements listed in the SDS information. The protective clothing (Tyvek paper) with a hood, coupled with breathable air, provide a safe and comfortable environment for the operator and have become the best practice in the industry, although not a requirement. This simple combination also eliminates respirator fitment requirements and documentation.

Personnel outside the booth and not involved with handling the powder coatings do not require any specific PPE, except the safety glasses normally in use in most of today's manufacturing environments.

Every finisher must know the requirements and standards for PPE as described in OSHA 29 CFR; Part 1910; Subpart 1 "Personal Protective Equipment."

PPE MAY INCLUDE:



Safety Glasses

Side Shield required for all manufacturing environments



Hearing Protection

Earplugs and earmuffs for high noise levels



Safety Shoes

Conditions may require steel toe or non-slip safety shoes



Head Protection

Helmets and hard hats to protect against falling objects



Gloves

Chemical, temperature extremes, and cut protection



Respirator

Masks and respirators for breathing in clean air



Full Hoods/Tyvek Suits

Best practice for operators within the spray booth



Hand Washing

Preferred over blowing powder into pores of skin