

# INTERIOR SPRAY POLYURETHANE FOAM (SPF) INSULATION PERSONAL PROTECTIVE EQUIPMENT



## OSHA REQUIRES PROTECTION FOR SPRAY POLYURETHANE FOAM APPLICATORS - THOSE USING HIGH PRESSURE DISPENSING EQUIPMENT - AS FOLLOWS:

- **HARD HAT:** Use if needed to protect head from falling objects.
  - **EYE PROTECTION:** Must be worn when spraying or working in areas where spray polyurethane foam aerosol or mist is present. Eye protection can be provided by a full face mask design.
  - **SKIN PROTECTION:** Disposable coveralls are used to keep spray and mist from contacting skin and clothing. Disposable coveralls are not just for convenience - in rare circumstances, skin exposure to spray or mist may result in serious health concerns.
  - Fabric gloves fully coated in nitrile, neoprene, butyl, or PVC; or cotton gloves over nitrile gloves could be used for spraying. Tape may be used to seal arm and feet openings as needed.
  - If a breach of gloves or garments is noticed, change out the personal protective garments immediately or repair with tape over tears or rips.
  - **RESPIRATORY PROTECTION:** For interior applications, sprayers must wear a NIOSH-approved full face or hood-type Supplied Air Respirator or SAR. Helpers also may need an SAR. If working in close proximity to the sprayer in some cases, a full facepiece Air Purifying Respirator or APR with organic vapor/particulate (P100) cartridges may be used by helpers if adequate ventilation is provided or if outside the immediate overspray area.
  - **MAINTENANCE:** Employees should care for and maintain respirators as instructed by the manufacturer and store in a clean, dry, sanitary location (such as in a sealed bag or container - especially for organic vapor cartridges), and away from direct sunlight.
- Inform job superintendents about:
- damaged or imperfect respirators
  - workplace hazards; and
  - questions about the Respiratory Protection Program
- **WORK BOOTS:** Steel-toed work boots are desirable in most work areas. Protection from overspray can be provided by disposable overboots with skid-resistant soles, if it does not compromise the grip of the work boot.
  - Always read and understand the spray polyurethane foam manufacturer's Material Safety Data Sheet or MSDS before starting any spray foam application.

ACTIVITY	Chemical Handling	Equipment Maintenance	Gun and Equipment	Interior SPF Application	Trimming and Cleanup
Safety Glasses with Side Shields or Safety Goggles	✓	✓	✓	✓	✓
Supplied Air Respirator (SAR); Full Face Mask or Hood				✓	
Air Purifying Respirator (APR); Organic Vapor Particulate (P100) Cartridge	✓				✓
Fabric Gloves Fully Coated in Nitrile, Neoprene, Butyl, or PVC; or Cotton Over Nitrile Gloves	✓	✓	✓	✓	✓
Disposable Coveralls	✓			✓	✓

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