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.

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<tr>
<td>Safety Glasses with Side Shields or Safety Goggles</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
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<tr>
<td>Supplied Air Respirator (SAR); Full Face Mask or Hood</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
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<tr>
<td>Air Purifying Respirator (APR); Organic Vapor Particulate (P100) Cartridge</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Fabric Gloves Fully Coated in Nitrile, Neoprene, Butyl, or PVC; or Cotton Over Nitrile Gloves</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Disposable Coveralls</td>
<td>✓</td>
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Spray Polyurethane Foam Alliance www.sprayfoam.org

American Chemistry Council
Center for the Polyurethanes Industry

SPRF POLYURETHANE FOAM ALLIANCE

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