

Appendix D: Discussing Spray Foam Application with Building Owners and Occupants

This guidance is intended to assist contractors in their discussions with building owners and occupants about some of the health and safety considerations of the spray foam application. While it contains suggested discussion topics for consideration, it is not exhaustive. Consider additional health and safety topics depending on the specific circumstances of the job site.

- General discussion about the duration, schedule, and size/scope of job, with focus on electric and water access, breaker boxes, emergency ingress and egress by workers on site and owners/occupants
- Information about chemicals used in the SPF application
 - How spray foam is made; reacting A and B-sides
 - Potential health hazards of A-side and B-side chemicals. Explain that MSDSs for all chemicals to be used are readily available on the job site, and review these documents with the owner/occupant if requested.
 - Point out locations of first aid kits, eyewash stations
- Explanation of controls designed to protect applicators, helpers, adjacent workers, and occupants
 - Ventilation and/or containment plans
 - Review HVAC system location and operation, and discuss shutdown during application and until reoccupancy
 - PPE to be used, and why
 - Review plans to restrict access to the work area, including plans for postings around the perimeter of the work zone
- Discussion with owner/occupant about plans to vacate building during and after application
 - Identify whether building is occupied by individuals who may have special sensitivities (e.g., persons with respiratory illness or sensitivities) and address
 - For large commercial buildings, multi-family residences (e.g., duplexes, condominiums, or apartment buildings), discuss whether partial or full vacation of premises is planned; discuss HVAC and ventilation issues; discuss external venting issues
 - Provide specific guidance on reoccupancy times, following appropriate consultation with the product manufacturer
- If owner/occupant will not vacate building during application, discuss plans to address exposure issues
 - PPE requirements for owner/occupant to enter work area and view application (discuss alternative approaches to inspect or view work that minimize potential exposure, such as photographs or real-time video)
 - Venting and ventilation issues
 - Procedures for air monitoring, if used
- Discuss with the owner what to do to prevent damage to property due to overspray
- Inform occupants that a fishy or ammonia smell may be indicative of amine catalysts contained in the SPF, and provide guidance and contact information in the event of strong smells or smells that do not dissipate.
- Review procedures for post-job cleanup and handling of dust and trimmings