



The Dow Chemical Company
200 Larkin
1605 Joseph Drive
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U.S.A.

STYROFOAM™ Brand Spray Polyurethane Foam Insulation

Application guidelines as provided by Dow Building Solutions should be followed exactly to ensure proper material thickness upon application and worker safety. Read all information bulletins, “MSDS,” and “Product Information” sheets. The MSDS is available at www.building.dow.com/na/en/literature/index.htm.

Application of this product is considered a “high pressure” process. Customers must receive documented training from a Dow Building Solutions Technical Representative before being allowed to purchase STYROFOAM™ Brand Spray Polyurethane Foam (SPF) Insulation. Preliminary STYROFOAM™ Brand SPF “Safe Handling Training” can be found on the following web site <http://building.dow.com/na/en/tools/training/>.

STYROFOAM Brand SPF Insulation contains isocyanate, polyol, hydrofluorocarbon, and blowing agents. Do not breathe vapor or spray. Use only with supplied air or an approved air purifying respirator equipped with an organic vapor sorbent and a particle filter to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable limits per the following: The spray foam applicator, and anyone within 25 feet of the applicator, must use a positive pressure air supplied respirator. The minimum respiratory protection that a helper can wear is an approved air purifying respirator equipped with an organic vapor sorbent and a particle filter when he or she is greater than 25 feet from the applicator. If there is ever a doubt as to the potential limits for worker exposure, Dow always recommends using the highest level of worker protection. Additionally, use barrier tape to mark the working perimeter and install warning signs.

It is important to ensure that the spray area is well ventilated during application. Ventilation in Air Changes per Hour (ACH):

- During application a minimum of 30 ACH is required. Cross ventilation is recommended with negative pressure in the spray area and exhaust to a secured empty area. A commercial ventilation unit should be used.
- Continue to ventilate area for at least 24 hours after the job is completed at no less than 3 ACH.
- Re-entry into an application site after spraying is completed, and occurring less than 24 hours post spray with proper ventilation, requires the use of an approved air purifying respirator equipped with an organic vapor sorbent and a particle filter.

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