



The Dow Chemical Company
200 Larkin
1605 Joseph Drive
Midland, MI 48674
U.S.A.

July 2013

Dear Valued Customer,

This letter is provided to ensure you are aware that United States Occupational Safety and Health Administration (U.S. OSHA) recently announced a National Emphasis Program (NEP) for Occupational Exposure to Isocyanates. Under this NEP, OSHA will conduct workplace inspections that will include all companies handling isocyanates, even those with less than 10 workers. The program will last for at least 3 years.

As a Dow Building Solutions spray foam customer, you are aware that you are handling an isocyanate chemical. Consequently, you may be subject to an OSHA inspection under this NEP. OSHA would likely arrive without prior communication.

Attached is information to supplement the spray polyurethane foam and/or isocyanate training you have received thru our Dow Customer Technical Service teams and other sources.

Please see the following attachments for more information:

- Frequently Asked Questions for OSHA NEP audits
- Additional reference information

As a result of customer requests we are also providing some additional information on ventilation with our products that you may find useful. We appreciate your attention to these details and your efforts to ensure workplace safety. As always, Dow encourages its customers to review their applications of Dow products from the standpoint of human health and environmental quality. To help prevent the use of Dow products in ways for which the products were not intended or tested, Dow personnel are available to discuss ecological and product safety considerations.

Sincerely,

Dow Building Solutions Product Stewardship

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.



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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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FROTH-PAK™ Foam Insulation and Sealant

Application guidelines as provided by Dow Building Solutions should be followed exactly in order to ensure compliance with building codes and worker safety regulations. 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 “low pressure” process. It is recommended that workers obtain spray foam training. Workers must be respirator fit tested. Employers must have a documented respiratory and personal protective equipment plan.

FROTH-PAK™ Foam Insulation and Sealant contain isocyanate, polyol, hydroflurocarbon, 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. For situations where the atmospheric levels may exceed the level for which an air purifying respirator is effective, use a positive-pressure air supplying respirator. The spray foam applicator, and anyone within 25 feet of the applicator, must use an approved air purifying respirator equipped with an organic vapor sorbent and a particle filter at a minimum. 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 10 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 is recommended for increased ventilation rates.
- Continue to ventilate area for at least 1 hour after the job is completed at no less than 10 ACH.
- Re-entry into an application site in the occurring less than 1 hour 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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