

Truck Bed Liner Alert Peer Review Information

SUMMARY of RESPONSE TO PEER REVIEWER COMMENTS:

The following changes were made to the Alert as a result of the comments:

1. Some text was moved or reorganized to enhance the flow of the document.
2. A section entitled “Spraying in Closed Areas” was added to the document. This section provides additional information and emphasizes the importance of adding extra ventilation and always using the proper respirator when spraying in a confined space, such as the interior of a van. Additionally, information was added to this section to emphasize that the one fatality that has occurred in this industry was to a worker who had been spraying the interior of a van, an enclosed confined space, and that this impacted on the death of the worker by likely increasing the MDI aerosol concentrations.
3. The Medical Monitoring section was rewritten to address reviewer suggestions including: a) the addition of a list of asthma symptoms; b) specific actions needed to be taken as a result of the pre-placement medical assessment; c) an explanation of increased risk to those presenting with asthma on the pre-placement screening; d) additional information for physicians on the diagnosis of occupational asthma, including a reference with published guidelines; and e) an explanation of the importance of individual medical surveillance using citations of the Ontario medical surveillance program as an example. Finally, a list of symptoms for asthma was added to the Worker Fact Sheet.
4. The Ventilation section was rewritten to address reviewer suggestions, including: a) detailed information on how to determine and calculate the ventilation rate; b) emphasis on the importance of minimizing the physical dimensions of the spray enclosure to increase the efficiency of the exhaust ventilation system; and c) emphasis on the importance of filtering and exhausting contaminants away from occupied areas, HVAC air supply inlets and supplied air respirator pumps/compressors.
5. In response to the request for clearer directives, the Recommendation Section was formatted in the imperative, with clearer, more concise recommendations for the manufacturer, franchisor, employer/shop owner, and employee. These recommendations were then summarized and organized into five major directives on the Worker Fact Sheet, and four major directives on the Employer Fact Sheet.
6. To adequately address the concerns presented by the public reviewer, who represented industry, the respiratory protection recommendations were modified to include the use of an air purifying respirator for some tasks. Specifically, it is recommended that workers use only a full-facepiece supplied air respirator during active spraying, while an air purifying respirator could be safely used for re-entry into the spray enclosure after spraying has ceased. For example, an air purifying respirator is a more practical choice for removing the truck from the enclosure once spraying has stopped.