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U.S. Aerosol Products Are Safe Due to Strict Company Testing and Federal Regulations

Washington D.C. – The Household & Commercial Products Association (HCPA) released the following statement today, attributed to Nicholas Georges, Senior Director of Scientific & International Affairs, to remind consumers that U.S. aerosol products must comply with strict safety testing requirements, industry standards and federal regulations.

“Every aerosol product manufactured in the U.S. undergoes rigorous testing to ensure the product’s integrity and to prevent failure of the product during transport, use and storage. The Department of Transportation (DOT) requires numerous tests to ensure the safety of aerosol products, including a hot water bath test where all aerosol products are heated to 130 degrees Fahrenheit, which is meant to ensure that containers are not over-pressurized.

While [the recent event involving a dry shampoo bottle](#) in St. Louis is very unfortunate, an event such as this is extremely rare. In this case, the container appears to have depressurized due to the extreme heat, and combined with the enclosed space of the car console, caused damage to the sunroof. The aerosol propellants and other ingredients did not combust. A properly manufactured and tested dry shampoo container should contain the pressure of the product and function as intended, even under these conditions.

Aerosol products are widely used to deliver a variety of products, including household cleaning, food, medical and personal care. Consumers can be confident that these products are both safe and effective when used according to the label directions, which also explain proper storage instructions.

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About HCPA

The Household & Commercial Products Association (HCPA) is the premier trade association representing companies that manufacture and sell \$180 billion annually of products used for cleaning, protecting, maintaining, and disinfecting homes and commercial environments. HCPA member companies employ 200,000 people in the U.S. whose work helps consumers and workers to create cleaner, healthier and more productive lives.