



Great Stuff™ Wide Spray Foam Sealant

For General Purpose Building Envelope Air Sealing

FEATURES/BENEFITS

Description

Great Stuff™ Wide Spray provides broad coverage and fast application, effectively sealing large surfaces, tight spaces, and hard-to-reach areas while adhering to both vertical and horizontal surfaces to form airtight, water-resistant seals.

Ease of Use

Great Stuff™ Wide Spray is a pre-packaged aerosol, one-component foam plastic sealant. Great Stuff™ Wide Spray sealant is Class A fire-rated per ASTM E84 when applied to a maximum thickness of 2 inches when sprayed in a 6-inch width and to a maximum thickness of 1 inch thickness when sprayed in greater than 6-inch widths. Application must be in accordance with manufacturer’s instructions.**

Great Stuff™ Wide Spray:

- Expands to take the shape of cracks and voids, forming an airtight and water-resistant bond to wood, metal, masonry, glass, and most plastics
- Installs in minutes (tack-free in 10 minutes***, trims within 1 – 2 hours)
- Features a white ‘Cone’ nozzle to spray ~4 inches wide and a blue ‘Fan’ nozzle for covering larger areas.

Great Stuff™ Wide Spray comes in kits containing two 18oz (510g) cans, two fan nozzles and two cone nozzles. Great Stuff™ Wide Spray is ideal for applications where traditional spray foam is difficult to apply.

PROPERTIES

Read all instructions and Safety Data Sheet (SDS) before use.

Typical Physical Properties¹ of Great Stuff™ Wide Spray Foam Sealant

| Test Method | Property | Typical Value | Units |
|-----------------------------------|---|-------------------------------|---------|
| ASTM C518 @75°F (24°C) mean temp. | K-factor (Thermal Resistance) per inch (25mm) | 0.0308 (fresh R value = 4.67) | W/(m*K) |
| ASTM D1622 | Apparent Core Density | 1.33 (with water misting) | pcf |
| ASTM D6226 ² | Closed Cell Content | 29.7 | % |
| ASTM D1623 | Tensile Strength, parallel to rise | 9.0 | psi |

¹ Not to be considered sales specifications

² The volume was measured by a quick dunk method

** For window and door framework, minimal-expanding Great Stuff Pro™ Window & Door Polyurethane Foam Sealant is proven not to distort or bow the framework, when properly applied.

*** 70 ± 5 °F and 50 ± 5 %RH, 1 inch bead diameter, 6-inch length. Cure rate is dependent on temperature, humidity, and size of foam bead.

INSTALLATION

Great Stuff™ Wide Spray is an easy-to-use Polyurethane Foam Sealant. Complete installation instructions are provided on the outer box and on each can.

When air sealing buildings, ensure that combustion appliances—such as furnaces, water heaters, wood-burning stoves, gas stoves, and gas dryers—are properly vented to the outside.

Application

Great Stuff™ Wide Spray should be applied at temperatures between 50°F and 90°F (10°C and 32°C) at relative humidity > 40 percent. Surfaces where applied should be free of dust, grease, oil, wax, and release agents. Damp surfaces will not impair the bond.

TESTING

Applicable Standards

Great Stuff™ Wide Spray meets the following standards:

- **ASTM E84** – Standard Test Method for Surface Burning Characteristics of Building Materials

HANDLING

DANGER: Read and follow the entire Safety, Handling, and Storage section on the carton and on the product label carefully before use. The information below is designed to help protect the user and allow for safe use and handling of **Great Stuff™** products. Follow all applicable federal, state, local, and employer regulations.

Precautionary Statements

- **DANGER:** Do not use if sensitized to isocyanates. **FLAMMABLE GAS. VAPOR MAY CAUSE FLASH FIRE. CONTENTS UNDER PRESSURE.**
- **Great Stuff™ Wide Spray Foam Sealant** contains isocyanate and a flammable blowing agent. Vapors may travel to other rooms. Ensure adequate ventilation and shut off all pilot lights and open flames; eliminate all sources of ignition before use. Do not smoke or use lighters or matches while dispensing foam.
- Do not breathe vapor or mist. Use in well-ventilated areas or wear proper respiratory protection. Isocyanate is irritating to the eyes, skin and respiratory system, and may cause sensitization by inhalation or skin contact.
- If no air flow or ventilation is available and the foam is being sprayed in a small, confined area for longer than 15 minutes per day, wear a respirator equipped with an organic vapor sorbent and P100 particulate filter after obtaining required health exam and respirator training.
- **Great Stuff™ Wide Spray** is very sticky and will adhere to most surfaces and skin. Do not get foam on skin. Cover all skin, wear long sleeves, gloves, and goggles or safety glasses.
- The contents are under pressure. Not to be used for filling closed cavities or voids such as behind walls and under tub surrounds. The can may burst if left in areas susceptible to high temperatures, such as motor vehicles, or near radiators, stoves or other sources

Curing

Cures quickly. Cured foam must be mechanically removed or allowed to wear off in time.

Equipment

The two types of spray tips included with **Great Stuff™ Wide Spray** provide optionality when dispensing. The white 'Cone' nozzle is ideal for hard-to-reach places, spraying at a distance, and in tight spaces. The blue 'Fan' nozzle is designed for filling large gaps, sealing seams, and covering surfaces. Spray tips are interchangeable and can be swapped on a partially used can. However, this is a single-use product. Replace spray tip if spray pattern becomes impaired. If product does not flow easily, do not force product from can.

Notice

Great Stuff™ Wide Spray complies with Intertek Group, plc. (Intertek) Classification, Classified as a sealant: see Intertek listing 79062

Contact your DuPont sales representative or local authorities for state and local building code requirements and related acceptances.

of heat. Do not place can in hot water. Do not puncture, incinerate or store at temperatures above 120°F (49°C).

- **Great Stuff™ Wide Spray** should not be used around heaters, furnaces, fireplaces, recessed lighting fixtures or other applications where the foam may come in contact with heat-conducting surfaces. **Great Stuff™ Wide Spray** is combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C).

Clean Up and Purge

Great Stuff Pro™ Foam Cleaner is a solution to simplify cleanup of uncured polyurethane foam from work areas. Cured foam must be mechanically removed or allowed to wear off in time.

Shelf Life and Storage

Great Stuff™ Wide Spray has a shelf life of 12 months when stored at 75°F (24°C). Contents of the can are under pressure. Can may burst if left in areas susceptible to high temperatures, such as motor vehicles, or near radiators, stoves or other sources of heat. Do not place can in hot water. Do not puncture, incinerate or store at temperatures above 120°F (49°C).

Disposal

Dispose of any residual **Great Stuff™** product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.



**For more information visit us at
greatstuff.com
or call 1-866-583-2583**

DuPont Polyurethane Foam Insulation and Sealants

DANGER: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult (Material) Safety Data Sheet ((M)SDS), call DuPont at 1-866-583-2583 or contact your local building inspector. In case of spill, contact Chemtrec (CCN 7442): 1-800-424-9300.

When air sealing buildings, ensure that combustion appliances, such as furnaces, water heaters, wood burning stoves, gas stoves and gas dryers are properly vented to the outside. See website: <http://www.epa.gov/iaq/homes/hip-ventilation.html>.

Great Stuff™ Wide Spray Foam Sealant contains isocyanate and a flammable blowing agent. Read all instructions and (Material) Safety Data Sheet ((M)SDS), carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear long sleeves, gloves, and safety glasses or goggles. Not for use in aviation, or food/beverage contact, or as structural support in marine applications. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. Not to be used for filling closed cavities or voids such as behind walls and under tub surrounds; this improper use of the product could result in the accumulation of flammable vapors and/or uncured material. Failure to follow the warnings and instructions provided with the product, and/or all applicable rules and regulations, can result in injury or death.

Great Stuff Pro™ Foam Cleaner is flammable and contains acetone and propane. Read all instructions and (Material) Safety Data Sheet ((M)SDS) carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

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