



## TITEFOAM™ Big Gaps Insulating Foam Sealant

**Description:** LePage® TITEFOAM™ Big Gaps is a new generation of polyurethane-based insulating foam sealant that expands to fill, seal and insulate gaps & cracks inside or out. It is a white polymer foam based on purified & concentrated ingredients that provides 4x more density than conventional foams for better durability & insulation. It is easy to use and apply with its attached straw applicator and provides a quick durable seal from the elements. LePage TITEFOAM Big Gaps Insulating Foam Sealant has excellent adhesion on most building materials like wood, concrete, stone, metal, and more. Product does not contain CFC-propellants.

**Available As:**

Item #	Size	Color
2373556	340 g (12 fl oz)	White

**Features & Benefits:**

- 4x more density vs conventional foams for better durability & insulation
- Seals out drafts, moisture and pests
- UV resistance reduces foam brittleness and darkening\*
- Strong adhesion while providing flexibility to move with building materials
- Applies soft and cures rigid with a bright white color
- Indoor & outdoor safe
- Tack Free in 8 minutes, Trims in 50-70 minutes
- Sandable & Paintable

**Recommended For:**

LePage TITEFOAM Big Gaps is suitable for interior and exterior projects. It has excellent adhesion to most building materials including wood, metal, stone, brick and PVC. Use for filling gaps and cracks and sealing around wiring and plumbing penetrations, HVAC ductwork, basement and crawlspace drafts, sill plate & rim joists, attic hatches, under baseboards, gas line penetrations and outside water faucets. Can also be used to sealing out drafts and moisture as well as keeping out pests and bugs.

**Not Recommended For:**

- TITEFOAM Big Gaps is not a fire stopping material and SHOULD NOT be used in areas that require fireproof or fire stopping materials
- Despite significantly higher UV resistance, it is still recommended to protect the foam from UV radiation. Exposed foam should be coated with a protective covering or coating
- Do not store product on its side
- Does not bond polyethylene, polytetrafluoroethylene (PTFE)/Teflon® or siliconized surfaces
- For cold weather application, product should be stored at room temperature at least 12 hours before application
- In dry conditions, it is recommended to fill gaps in several layers by application of smaller foam strings (up to 3 inches thickness)

**Coverage:**

**For a 340 g (12 oz) can:**

- A 9.5 mm (3/8") bead size will deliver approximately 41.1 m (134 ft) of foam

**Note:** Yields shown are based on theoretical calculations, for comparison purposes, and will vary depending on ambient conditions and particular application conditions and particular application.



# TECHNICAL DATA SHEET

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## Typical Uncured Physical Properties:

<b>Color:</b>	<b>White</b>	
<b>Appearance:</b>	Polymer foam	
<b>Base:</b>	Single component polyurethane	
<b>Odor:</b>	Slightly, of ether	
<b>Specific Gravity:</b>	1.107	
<b>Flash Point:</b>	<20°C (<68°F)	
<b>VOC Content:</b>	19.28% by weight	CARB
	208.6 g/l	SCAQMD rule 1168
<b>Shelf Life:</b>	15 months from date of manufacture (unopened)	
<b>Lot Code Explanation:</b>	<b>MM/DD/YYYY</b> (bottom of canister) <b>MM/DD/YY</b> (on box)  <b>MM</b> = Month of manufacture <b>DD</b> = Day of manufacture <b>YYYY</b> = Year of manufacture  Example: 10/31/2016 = October 31 <sup>st</sup> , 2016	

## Typical Application Properties:

<b>Application Temperature:</b>	Ambient conditions should be between -5°C (23°F) and 35°C (95°F). Can temperature must be between 5°C (41°F) and 30°C (86°F).  For use at colder conditions, product should be stored at room temperature for at least 12 hours.	
<b>Tack-Free Time:</b>	6-8 minutes*	At 23°F and 50% relative humidity
<b>Cure Time:</b>	50-70 minutes*	
<b>Cure Time:</b>	Approx. 24 hours*	
	*Time is dependent on temperature, humidity and depth of sealant applied	

## Typical Cured Performance Properties:

<b>Color:</b>	White	
<b>Service Temperature:</b>	-40°C (-40°F) to 90°C (194°F) -40°C (-40°F) to 120°C (248°F)	Long-term exposure Short-term exposure
<b>Paintable:</b>	Yes	
<b>Sandable:</b>	Yes	
<b>Dimensional Stability:</b>	< ±5%	TM 1004-2012
<b>Maximal Joint Width:</b>	7.62 cm (3 inches)	TM 1006-2011 (At 5°C)
<b>Movement Capability:</b>	>25%	TM 1013-2013
<b>Shear Strength:</b>	85 kPa	TM 2012-2011

## Directions:

### Tools Typically Required:

Utility knife, painter's tape or foil for protecting surfaces.

### Safety Precautions:

Always wear eye protection, gloves and proper work clothes when using LePage TITEFOAM Big Gaps after use. Cured foam is difficult to remove from skin, clothing and other substrates. May discolor skin. When transporting odd cans by passenger car leave the container wrapped in a cloth in the trunk, never in the passenger compartment.

### Surface Preparation:

Ensure all surfaces are clean and free from dirt, dust, oil and other contaminants likely to impair adhesion. Surfaces can be moist but not frosted or iced. Cover surfaces not intended to be foamed. To ensure full and even curing of the foam on porous substrates (ie. brickwork, concrete), moisturize surfaces with water spray before application.

### General Preparation:

The temperature of the working area should be between -5°C (23°F) and 35°C (95°F). The temperature of the product should be between 5°C (41°F) and 30°C (86°F). When working in cold conditions, can should be stored at room temperature for at least 12 hours before use. Shake can vigorously before use for 30 seconds (15-20 times minimum). Screw the foaming straw to the valve.



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## **Application:**

Holding can upside down, press the trigger which controls outflow rate of the foam. Dispense the foam sparingly, filling the joint initially by half to avoid excessive overflows. Shake can regularly during use. Slight misting with water can speed cure. Foam can be trimmed with a knife after an hour. Foam will be fully cured in approximately 24 hours. It is recommended foam be protected from UV radiation by a protective covering or coating such as paint, plaster, mortar, etc.

**Note:** Ambient temperature and humidity can affect foam curing and maximal joint width. In dry conditions, to get the best foam structure and properties, it is recommended to fill gaps and joints in several layers by the application of smaller foam strings (up to 3 inches thickness). At very dry conditions, the foam may be brittle after hardening. This brittleness is a temporary effect.

## **Clean-up:**

Clean tools and uncured foam residue immediately with acetone. Cured foam must be carefully cut away with a sharp-edged tool.

## **Storage & Disposal:**

Product must be stored vertically, not horizontally on its side.

**Note:** When storing foam dispensing applicators with foam cans attached, be sure to store the tool with the can valve pointing downwards. Storing the can upright may cause propellant to leak and the foam applicator to become inoperative.

Store in a cool, dry place. For maximum performance and shelf life, store between 5°C (41°F) and 25°C (77°F). The product can be stored for a maximum of 1 week at -20°C (-4°F). Do not store below -20°C (-4°F), below this temperature product valve may spontaneously open resulting in leakage.

Containers are under pressure. Do not expose to open flame or temperatures above 49°C (120°F). Do not store under direct sunlight. Excessive heat can cause bursting and premature aging of components resulting in shorter shelf life. When containers are empty, vent off any excess pressure. DO NOT discard empty can in garbage compactor. DO NOT incinerate. DO NOT puncture, cut or weld container.

**Recommended method of disposal for unused product:** Vent off excess pressure and dispose of in an appropriate waste receptacle. Dispose of according to provincial and federal governmental regulations.

## **Label Precautions:**

**EXTREME DANGER. VERY FLAMMABLE. POISON. CONTENTS UNDER PRESSURE.**

**CONTENTS MAY CATCH FIRE. FUMES MAY BE HARMFUL. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION. CONTAINER MAY EXPLODE IF HEATED.** Do not smoke. Do not puncture. Do not burn. Do not get in eyes or on skin or clothing. Do not breathe fumes. Do not swallow. Use only in a well-ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. Store away from heat. Do not use if you have chronic lung or breathing problems or if you have ever had a reaction to isocyanates. Wear appropriate respiratory protection for prolonged use. If you have breathing problems during use, leave the area for fresh air. If problems develop or linger, call a physician. **KEEP OUT OF REACH OF CHILDREN.**

**FIRST AID TREATMENT:** Contains modified polymeric MDI, diphenylmethandiisocyanate, dimethylether and hydrocarbon propellant. If swallowed, call Poison Control Center or doctor immediately. Do not induce vomiting. If breathed in, move person into fresh air. If in eyes or on skin, rinse well with water.

**Refer to Safety Data Sheet (SDS) for further information.**

## **Disclaimer:**

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



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