



Transportation
Sealants & Adhesives

TECHNICAL
DATA

EXPANDING FOAM SEALANT

1. PRODUCT NAME:

Expanding Foam Sealant

2. MANUFACTURER:

GEOCEL, LLC

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Elkhart, IN 46515 USA

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3. PRODUCT DESCRIPTION:

Expanding Foam Sealant is a single component, moisture-cure, polyurethane foam sealant with a (H) CFC-free propellant designed to fill gaps, cracks, etc., and to stop air infiltration around door and window frames and pipe penetrations.

Product Benefits:

- Expanding Foam Sealant expands up to 3 times to fill large voids & holes
- Features an R-value of 4 to 5

4. INSTALLATION:

Suggested Tools: Clean rag, foam cleaner, utility knife, gloves, and goggles

- Prior to use, read directions on label
- Shake can vigorously (20-25 times)
- Clean all surfaces with a clean rag and remove loose debris in cavity
- Screw trigger assembly onto can, ensuring a tightly threaded fit
- Pull trigger to dispense foam, controlling extrusion rate with trigger pressure
- When using as an adhesive, bond substrates together immediately and use mechanical fasteners or clamps to guarantee a permanent bond

Tack Free: Approx. 5 minutes

Cure: 12 to 24 hours

Service Temperature: -200° F to 240° F (-128° C to 115° C)

Application Temperature: 40° F to 115° F (4° C to 46° C)

Application: Expanding Foam Sealant should be applied in a well-ventilated area, or with respiratory protection. For best results, use Expanding Foam Sealant with sufficient atmospheric humidity. Deep, dry cavities may need to be moistened before application. However, too much wetness will interfere with adhesion.

Fill the lowest part of the cavity first. When using Expanding Foam Sealant, fill only 40% with foam since expanding formula expands approximately 2 1/2 times. Expanding Foam Sealant may be applied in cold or hot ambient conditions as long as chemical temperature is maintained. Expanding Foam Sealant will withstand continuous temperatures up to 240° F (115° C).

Do not disturb freshly dispensed foam because it will collapse. Expanding Foam Sealant will be tack free in 5 minutes and cures to firm resiliency within 24 hours, depending on moisture and temperature conditions.

Painting: Expanding Foam Sealant may be painted or stained after full cure. NOTE: Outdoor applications must be coated with a paint or stain to protect foam from ultraviolet light exposure.

Precautions: Solvents might be damaging to paints and painted metal siding. Make sure that the intended application of this product conforms to all local codes. Cans are pressurized and must not be punctured or incinerated.

- Not UV resistant; exposed foam should be painted
- Not intended for use in areas with poor ventilation
- For best results, condition foam to room temperature

Cleaning: Uncured foam can be removed using acetone, nail polish remover, or paint thinner. Clean after each use.

Storage: Store in an upright position in a cool, dry place below 120° F (49° C). For best results, store at 70° F (21° C).

Warning: CONTAINS FLAMMABLE GAS. CONTENTS UNDER PRESSURE. CAN MAY BURST IF LEFT IN A CLOSED AREA SUCH AS A MOTOR VEHICLE. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. May cause respiratory tract and skin irritation. The foam produced is combustible and may present a fire hazard if exposed to flame or temperatures above 120° F (49° C). DO NOT puncture or incinerate. KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin and eyes. Use only with adequate ventilation. Follow manufacturer's precautions when handling solvents.

5. AVAILABILITY AND COST:

Marketed throughout the U.S., Expanding Foam Sealant is available from various distributors. Costs and further technical data are available from your local Geocel representative or from Geocel's corporate offices.

6. LIMITED WARRANTY:

Recommendations for the use of this product are based on tests believed to be reliable. No warranty exists, expressed or implied, of merchantability, fitness, or suitability for this product's use or otherwise extending beyond the description thereof except the obligation to replace that portion of shipment proved defective.

7. MAINTENANCE:

No maintenance should be required. If the sealant is damaged remove damaged area of foam and reseal with Expanding Foam Sealant.

8. TECHNICAL SERVICES:

Geocel representatives throughout the U.S. are available to provide technical assistance. Geocel's in-house technical staff and laboratory facilities are equipped to respond to specific requests for further information and/or applications testing.

THEORETICAL YIELD PER

Can Size:

12 oz. can yield = 0.68 cu. ft.

20 oz. can yield = 1.13 cu. ft.

Bead Size:

3/8" = 12 oz. = 887 linear ft.

3/8" = 20 oz. = 1474 linear ft.