



SPECIFICATION DATA

1. Product Name

Versi-Tite® 12 oz. and 24 oz. Window & Door Foam Sealant

2. Manufacturer

RHH Foam Systems, Inc.
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3. Product Description

Versi-Tite® is a one component polyurethane foam sealant specifically formulated for filling, insulating, and sealing around windows and doors to provide a full cavity fill without warping or bowing of frames. Dispensed as a caulking bead, the innovative low pressure and low expansion formula conforms to the shape of all cavities forming a permanent, airtight, and waterproof seal on wood, metal, masonry, glass, and most plastics. It stops air infiltration and, in turn, prevents heat loss and drafts. Versi-Tite® contains no CFC's or HCFC's, and is UL Classified.

4. Technical Data

Versi-Tite® 12 oz. and 24 oz. Window & Door Foam Sealant have the following physical properties:

Base	polyurethane	
Type	foam sealant	
Color	pale yellow	
Odor	odorless when cured	
Application Temperature	41°F to 95°F (5°C to 35°C)	
Can Temperature	Min 50°F (10°C)	
Temperature Resistance	-41°F to 194°F (-40°C to 90°C)	
Closed Cell Content	Up to 50%	
Tack Free Time	≤ 10 min.	
Cutting Time 1"	≤ 30 min., max 24 hrs	
Cure Time	in 6 h, fully cured after 24 hrs	
Density	1.12-1.37 lb/cubic ft	
Shrinkage	≤ 5%, after first 24 hrs	
Water Absorption	≤ 2%, after first 24 hrs then waterproof	
Compression Strength	7 PSI	
Tensile Strength	20 PSI	
Thermal Conductivity	0.036 W/mK	
R Value at 1" thickness	4.0 to 5.0	
Flamespread	15	
Smoke Developed	35	
Shelf Life	18 months	
Yield	<u>12 oz.</u>	<u>24 oz.</u>
1/4" bead	2,073 linear ft	4,146 linear ft
3/8" bead	921 linear ft	1,842 linear ft
1/2" bead	518 linear ft	1,036 linear ft

*Published yields are theoretical and vary based on several factors, including ambient conditions and specific application.

*Always use recommended personal protective equipment. Refer to the MSDS for additional information on safe use and handling.



UL Classified

Caulking and Sealants Applied to Inorganic Reinforced Cement Board+

<75NN>

Surface Burning Characteristics: Flame Spread: 15 | Smoke Developed: 35

+tested as applied in three ¾ in. diameter beads 5 in. OC covering 12.5 percent of the exposed test sample area.

Preparation

1. **READ INSTRUCTIONS AND SAFETY RECOMMENDATIONS THOROUGHLY BEFORE USE.**
2. Wear work clothing, protective eyewear and gloves. Use only in well ventilated areas or wear approved respiratory equipment. Ensure application surfaces are free from dust or other foreign materials. Clean and degrease surface with acetone, isopropanol, ethanol (metals, glass) or detergent (plastics) and let it dry completely. Surfaces must be sound and in good condition. It is recommended to lightly spray surfaces with water prior to applying foam to enhance expansion and curing properties.
3. For best results and maximum yield, apply at temperatures of 60°F to 86°F (15°C to 30°C). Use below 41°F (5°C) is not recommended.
4. Shake the can vigorously for 30-45 seconds before attaching dispenser and also in between uses.

Application

1. With the can in its upright position, screw the dispenser (straw or applicator gun) into the valve. Do not over-tighten. Invert the can and slowly dispense product. **Maintain the can in upside-down, inverted position during application.**
2. It is recommended that first time users become accustomed to the use of this foam by practicing on scrap cardboard or plastic.
3. Dispense the foam into the area to be filled, directing the flow into the far end of the cavity or void. Adjust the extrusion rate as required.
4. Fill cavities approximately 35% full to allow for foam expansion after application. Cracks wider than 2" should be filled gradually in layers. When working with larger voids, apply in 1" layers, misting each layer with water before applying subsequent layers.
5. If idle for 10 or more minutes between uses, shake can vigorously 30-45 seconds before continuing.
6. Allow 24 hours for complete cure. Cured foam may be cut, sanded, painted, or stained. Cured foam discolors and loses its stability and properties when exposed to UV light. Paint or coat exposed foam for best results.
7. When not in use, can valve and dispenser should be cleaned with Versi-Solv® cleaner.
8. Unfinished cans may be reused within a short period of time if dispenser (straw or applicator gun) is thoroughly cleaned with Versi-Solv® cleaner or acetone and stored in the direction of use, attached to the dispenser. To re-use, shake vigorously for 1 minute before dispensing.

Cleaning

Immediately clean un-cured foam with Versi-Solv® cleaner or acetone. If foam has hardened on skin, use an industrial cleaner with pumice. Repeat until foam is removed. Cured foam must be mechanically removed or allowed to wear off in time.

Shelf Life & Storage

When stored properly, shelf life is **18 months** from production date printed on bottom of each can. Store upright in cool and dry area at temperatures 41°F to 95 °F (5°C to 35°C). Do not expose to open flame or temperatures above 120°F (50°C). Keep away from open flame.

CAUTION: CONTENTS UNDER PRESSURE, MAY EXPLODE WHEN HEATED. DO NOT EXPOSE TO TEMPERATURES ABOVE 120°F (50°C). DO NOT PLACE IN HOT WATER, PUNCTURE, OR BURN. DISPENSED FOAM IS COMBUSTIBLE AND MAY PRESENT FIRE HAZARD WHEN EXPOSED TO FLAME, SOURCES OF IGNITION OR TEMPERATURES ABOVE 240°F (116°C). **KEEP OUT OF REACH OF CHILDREN.** CONTACT LENSES SHOULD NOT BE WORN DURING THE USE OF THIS PRODUCT. ALWAYS WEAR GLOVES, PROTECTIVE FACE/EYEWEAR AND SUITABLE WORK CLOTHING. DO NOT BREATHE IN VAPOR. USE ONLY IN WELL VENTILATED AREAS OR WITH RESPIRATORY PROTECTION.

Refer to SDS and product label for complete first aid, safety and personal protective equipment. Always read all operating, application, and safety instructions before using any products from RHH Foam Systems, Inc.