



TECH DATA SHEET

Thermal Protection 07 21 19
Foamed In Place Insulation

1. PRODUCT NAME

Touch 'n Seal® No-Warp® Window & Door Insulating Sealant,
20 ounce (567 gm) - Item # 4004529712

2. MANUFACTURER

Convenience Products
866 Horan Dr., Fenton, MO 63026 USA
(636) 349-5855
(800) 325-6180
FAX (636) 349-5335
E-mail support@touch-n-seal.com
Website: www.touch-n-seal.com

3. PRODUCT DESCRIPTION

Touch 'n Seal No-Warp is formulated to permanently seal around doors, windows and skylights without bowing jambs or deflecting frames. No-Warp exerts up to 90% less bowing pressure than competitive foams that may inhibit or prevent proper opening and closing of fenestrations.

No-Warp conforms to AAMA 812-04 for low-pressure foams. No-Warp air seals, insulates, blocks drafts, moisture and insects providing improved comfort and reduced energy usage. No-Warp one-component expanding polyurethane foam sealant is formulated to meet the insulating and air sealing requirements of the professional commercial, industrial, agricultural and residential contractor.

Moisture curing No-Warp foam sealant is applied with a foam applicator gun and is non-toxic, fire-retardant and permanently fills and seals cracks and gaps.

Basic Use

Apply Touch 'n Seal No-Warp foam one-component expanding polyurethane foam sealant using a foam applicator gun to seal cracks and gaps up to 1/2" (12.5 mm) wide. No-Warp foam provides a non-warping, permanent insulating and air sealing solution to building component materials including wood, masonry, insulating foam boards, metal, plastics and sheetrock.

Use Touch 'n Seal Poly-Clean foam cleaner to clean wet No-Warp foam from hands, tools and foam applicator guns.

Composition & Materials

Touch 'n Seal No-Warp polyurethane one-component expanding foam sealant is a

permanent, bright white, hypoallergenic foam sealant that dries within minutes of application. No-Warp is non-toxic and will not decompose with age.

Sizes

No-Warp Foam – Item # 4004529712, 20 ounce (567 gm)

Features/Benefits

- Will not bow or bind door, window or skylight frames and jambs
- Provides a permanent seal against air, moisture and insect infiltration
- Does not shrink as do many caulk type sealants
- Expands to fill gaps up to 1/2" (12.5mm) wide reducing air exchanges
- Bonds to common building materials including wood, concrete, insulating foam boards, metal, plastics and sheetrock
- Reduces energy loss
- Reduces use of fossil fuels and improves air quality
- No Ozone Depleting Chemicals
- Helps to reduce Green House Gas Emissions
- Closed cell structure
- Allows for down sized HVAC systems; uses less energy, fewer cycle times, more consistent "comfort level", reduces equipment maintenance
- Fire-retardant
- Bright white color

Limitations

- Do not expose to temperatures above 240°F (116°C), open flames or sparks.
- Do not expose to ultraviolet light.
- Chemicals must be 50°-100°F (10°-38°C) prior to application.
- Do not store in temperatures above 120°F (49°C).
- Always refer to local building code regulations.
- 1 component foams are not suitable for covering large areas or voids such as sill plates, headers or in stud wall cavities. Refer to ICC-ESR for Fireblock applications. Refer to local building codes for details specific to your area.
- Propellant is flammable. Read MSDS and do not use near high heat, sparks or open flame.



4. TECHNICAL DATA

Applicable Standards

- ASTM C-518 R-Value
- ASTM C-1536 Yield
- ASTM D-1622 Density
- UL-1715 Fire Test

Approvals/Certifications

- International Building Code
- International Residential Code
- BOCA National Building Code
- 1999 Standard Building Code
- 1997 Standard Building Code
- ICC-Evaluation Services
- California Bureau of Home Furnishings and Insulation
- Conforms to AAMA 812-04
- Underwriters Laboratories Classified Caulking & Sealants

Physical/Chemical Properties

See Table. Test data available upon request.

Shelf Life

12 months in unopened container when stored between 60°- 90°F (16°-32°C), in a dry, well ventilated area.

Storage & Disposal

Keep containers tightly closed in a cool, well-ventilated area. Ideal storage temperature is 60°- 90°F (16°-32°C).

Storage above 90°F (32°C) will reduce shelf life. Do not store at temperatures above 120°F (49°C). Do not expose containers to conditions that may damage, puncture, or burst the containers. Dispose of leftover material/containers in accordance with Federal, state and local regulations. See Material Safety Data Sheet for more information.



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5. INSTALLATION/APPLICATION

Always refer to local building codes prior to application of Touch 'n Seal® foam sealants.

Touch 'n Seal No-Warp foam one-component expanding foam sealant can be applied to and will adhere to almost any traditional construction surfaces including wood, masonry, insulating foam boards, metal, plastics and sheetrock.

Surfaces to receive Touch 'n Seal foam sealants must be dry, clean and free of dust, dirt, grease and other substances that may inhibit proper adhesion. For best results apply Touch 'n Seal one-component expanding foam sealants when surface and ambient temperatures are between 60°-90°F (16°-32°C). Chemical contents must be between 50°-100°F (10°-38°C) before dispensing. Use all chemical contents within 30 days of initial dispensing.

Keep out of reach of children. Always wear proper personal protective equipment, including gloves, clothing and eyewear. Use in well ventilated area. Please refer to manufacturer's instructions or request a faxed set of instructions from

Convenience Products by calling Customer Service at 800-325-6180.

Refer to manufacturer's Safe Use, Storage and Handling For Low Pressure Spray Foam Products brochure prior to handling Touch 'n Seal materials. You may request a copy of this document from Customer Service at 800-325-6180 or by downloading from www.touch-n-seal.com.

6. AVAILABILITY & COST

Availability

Touch 'n Seal polyurethane foams are available throughout the U.S., Canada, Mexico and the world. Contact Convenience Products Customer Service at 800-325-6180 or FAX 636-349-5335 for distributor information.

Cost

Contact Convenience Products for local distributors who can provide cost and delivery information.

7. WARRANTY

Convenience Products warrants All Seasons Gun Foam to be free of defects in workmanship and function.

Convenience Products is not liable for any

incidental, consequential or any other damages or remedies. There are no Warranties that extend beyond the description herein, however, certain states have specific laws regarding limitation on incidental or consequential damages, in which case, and you may have other legal rights.

8. MAINTENANCE

None.

9. TECHNICAL SERVICES

Technical assistance, including more detailed information, product literature, test results, assistance with preparing project specifications and application training is available by contacting Convenience Products Customer Service.

10. FILING SYSTEMS

Additional information is available from the manufacturer upon request.

The information contained herein was accurate at the time of publishing. Please refer to the Touch 'n Seal website for the latest information.

TYPICAL PROPERTIES OF TOUCH 'N SEAL NO-WARP POLYURETHANE FOAM SEALANT

Shelf Life	1 year; unopened container
Dry time/Tack Free Time	Approx. 10 min. @ 50% R.H.
Fully Cured	Approx. 1 hour
Cutttable	Approx. 30 minutes
ASTM C-518-4 R-Value	5.48 /in. (25mm)
ASTM C-1536 Yield 20 ounce (678 gm) gun foam 30.5 ounce (865 gm) gun foam	2096 linear feet (639m) @ 1/4" (6.4 mm) dia. bead 3196 (974m) linear feet @ 1/4" (6.4 mm) dia. bead
ASTM D-1622 Density	1.3 – 1.8 PCF
UL 1715 Fire Test Flame Spread Smoke Development	10 15
International Building Code	Conforms
International Residential Code	Conforms
BOCA National Building	Conforms
1999 Standard Building Code	Conforms
1997 Standard Building Code	Conforms
ICC-ES	ESR-1926
California Bureau of Home Furnishings and Insulation	Listed
AAMA 812-04	Conforms
Underwriters Laboratories Classified Caulking & Sealants (USA & Canada)	BLIS.R14175, BLIS7.R14175



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