1. PRODUCT NAME
Touch ‘n Seal® FR Two Component Class 1
Fire Retardant Spray Foam Kits
1.0 pcf (16kg m³) Density

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 Low Density Spray Foam is an
open-cell, non-structural air sealing and
insulating foam for use in both new
construction and renovation of industrial,
commercial, agricultural and residential
properties.

Touch ‘n Seal Low Density Spray Foam is
available in 2 convenient formats; 1. Home
Touch ‘n Seal CP1200FR disposable chemical cylinders
applied through the CPDS™ Series 2
dispensing system.

When used according to manufacturer’s
instructions, Touch ‘n Seal Low Density Spray
Foams reduce energy costs by eliminating
structural air infiltration and improve indoor air
quality by sealing out dust and pollen. Touch ‘n
Seal spray foam dries within minutes,
forming a permanent Class 1 fire-retardant air
barrier.

Basic Use
Touch ‘n Seal Low Density Spray Foam is
formulated and designed for use in
commercial, industrial and residential “flash
and batt” air sealing applications. Home
Sealing Foam Kits are disposable, portable,
self-contained, two-component spray foam
dispensing systems, 2. Touch ‘n Seal
CP1200FR disposable chemical cylinders
applied through the CPDS™ Series 2
dispensing system.

4. INSTALLATION / APPLICATION
Please refer to “Operation Instructions” found
inside the product packaging or request a
faxed set of these instructions by calling
Customer Service at 800-325-6180.

5. TECHNICAL DATA

4.1 APPLICABLE STANDARDS

4.1.1 ASTM G21 Fungi Resistance

4.1.2 ASTM E84 Surface Burning

4.1.3 ASTM E96 Water Vapor Transmission

4.1.4 ASTM E283 Air Leakage

4.1.5 ASTM C423 Noise Reduction Coefficient

4.1.6 ASTM C518 R-Value

4.1.7 ASTM D1622 Density

4.1.8 ASTM D2856 Closed Cell Content

4.1.9 ASTM D6226 Open Cell Content

4.2 LIMITATIONS

4.2.1 Not for use as an exterior roofing system.

4.2.2 Foam is combustible. Do not expose to
temperatures above 200°F (93°C), open
flames or sparks.

4.2.3 Not for exposure to ultraviolet light.

4.2.4 Chemical contents must be 70°F - 90°F
(21°C - 32°C) prior to spraying.

4.2.5 Do not store in temperatures above
120°F (49°C).

4.2.6 Always refer to local building code
regulations.

4.2.7 Certain structures such as cold storage
and freezers have very specific design
criteria. Ensure the structure has been
designed by an appropriate design
professional.

4.2.8 Proper covering for this foam product
may be required for various applications.
TNS 2 component FR foam is permitted
to be sprayed on silt plates and headers
without a thermal or ignition barrier in
thicknesses up to 3 1/2 inch thick
according to ICC 2009/2012 Building
Codes. Refer to local building codes for
details specific to your area.
Always refer to local building codes prior to application of Touch ’n Seal® spray foam. Touch ’n Seal foam spray foam can be applied to, and will adhere to, almost any traditional building material surfaces including; wood, concrete, polystyrene, gypsum board, fiberglass, masonry and metal.

Surfaces to be sprayed 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 spray foam when surface and ambient temperatures are between 60° - 90°F (16° – 32°C). Chemical contents must be between 70° - 90°F (21° – 32°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 head covering, gloves, clothing, eyewear and respirator. Use in well-ventilated area.

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 Home Sealing Foam Kits and CP1200FR sets 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

Limited Warranty: Convenience Products warrants this product to be free from defects. The Company shall not be liable for any consequential or other damage or remedy; its sole obligation and your exclusive remedy are limited to product replacement. Warranty is null and void if unit is operated without attaching a new spray foam applicator gun/hose set. Some states do not allow limitations on the exclusive or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which may vary from state to state. There are no warranties which extend beyond the description on the face hereof.

8. MAINTENANCE

Minor – Refer to Home Sealing Foam Kit and CP1200FR “Operation Instructions.”

9. TECHNICAL SERVICE

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

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 Spray Polyurethane Foam**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical Yield*</td>
<td>1.0 pcf/16.0 kg/m³</td>
</tr>
<tr>
<td>Foam Kit 300</td>
<td>300 board feet (27.8 m² @ 25 mm)</td>
</tr>
<tr>
<td>Foam Kit 1000</td>
<td>1000 board feet (92.9 m² @ 25 mm)</td>
</tr>
<tr>
<td>CP1200FR</td>
<td>1200 board feet (111.5 m² @ 25 mm)</td>
</tr>
<tr>
<td>Tack Free Time</td>
<td>30 – 60 seconds</td>
</tr>
<tr>
<td>Fully Cured</td>
<td>30 – 60 minutes</td>
</tr>
<tr>
<td>Cutable</td>
<td>2 – 5 minutes</td>
</tr>
<tr>
<td>ASTM G21 Fungi Resistance</td>
<td>Does not support growth</td>
</tr>
<tr>
<td>ASTM E-84 Surface Burning</td>
<td>Flame Spread</td>
</tr>
<tr>
<td>Characteristics @ 2” (51 mm)</td>
<td>10</td>
</tr>
<tr>
<td>Smoke Development</td>
<td>250</td>
</tr>
<tr>
<td>ASTM E-90 Sound Transmission</td>
<td>.33 @ 1/2 in. (38mm)</td>
</tr>
<tr>
<td>Class</td>
<td>.35</td>
</tr>
<tr>
<td>ASTM E-96 Water Vapor Transmission</td>
<td>5.4 perms @ 1 in. (25 mm)</td>
</tr>
<tr>
<td>ASTM E-283 Air Leakage</td>
<td>1.57 psf (50 m²)</td>
</tr>
<tr>
<td></td>
<td>6.24 psf (50 m²)</td>
</tr>
<tr>
<td></td>
<td>0.003 cfm/sq ft</td>
</tr>
<tr>
<td></td>
<td>0.008 cfm/sq ft</td>
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<tr>
<td>ASTM C423 Noise Transmission</td>
<td>.35</td>
</tr>
<tr>
<td>Coefficient</td>
<td>.35</td>
</tr>
<tr>
<td>ASTM C-518 R-Value – Initial / Aged</td>
<td>4.96 / 4.1 / in. (25 mm)</td>
</tr>
<tr>
<td>ASTM D-1622 Density (core)</td>
<td>1.0 – 1.25 pcf/16.0 – 20.0 kg/m³</td>
</tr>
<tr>
<td>ASTM D-2856 Closed Cell Content</td>
<td>&lt; 10%</td>
</tr>
<tr>
<td>ASTM D-6226 Open Cell Content</td>
<td>&gt; 90%</td>
</tr>
<tr>
<td>International Residential Code</td>
<td>Compliant</td>
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<tr>
<td>California Bureau of Home</td>
<td>Listed</td>
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<tr>
<td>Furnishings and Insulation</td>
<td>Thermal Protection 07 21 19</td>
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<tr>
<td>CSI masterformat® Categorization</td>
<td>Sprayed In Place Insulation 07 21 29</td>
</tr>
<tr>
<td></td>
<td>Acoustical Insulation 09 81 00</td>
</tr>
</tbody>
</table>

*Theoretical yield is used as an industry standard to represent the size of two-component foam kits. The calculation is based upon ideal conditions, does not include blowing agent loss, and may vary according to application method or environmental factors.*