U2-200FR Urethane Spray Foam

PRODUCT DATA

1. PRODUCT NAME

Touch 'n Seal® Polyurethane Flame Retardant Spray Froth Foam System

2. MANUFACTURER

Convenience Products
866 Horan Drive
Fenton, MO 63026-2416 USA
Phone: (636) 349-5333
(800) 325-6180
Fax: (636) 349-5335

3. PRODUCT FEATURES

- Flame Retardant
- Upright hose assembly, easiest set-up and application
- Longest hose reach 11.5 ft – for reduced lifting
- Easier to control – meter from low to high output
- No special breathing apparatus required
- Safe – Isocynates less than 1 PPB (MSHA-tested)
- Heavy-duty packaging – waxed carton withstands wet environments
- Less waste – store up to 90 days and restart
- Quick cure, full 200 board feet yield
- Clear, color-coded hoses
- Lock "ON" for less operator fatigue, lock "OFF" for safety

Basic Use: Touch 'n Seal® Foam is used to control ventilation by sealing air leaks in and around metal, wood and concrete stoppings, overcasts, electrical and plumbing chases, and other areas which may need ventilation control. It can also be used to control water run-off and leaks, to fill voids and to provide sound and thermal insulation. The unique formulation allows for quick and complete cure with strong bonding to most surfaces in a wide range of substrate and ambient temperatures.

4. TECHNICAL DATA

- Density: (ASTM D-1622) 1.65 ± 0.15 pcf
- Compressive Strength: (ASTM D-1621) 14.8 psi
- Tensile Strength: (ASTM D-1623)
  Parallel.....39.3 psi
  Perpendicular ....17.1 psi
- Closed Cell Content: (ASTM D-2856) 90%, min
- Thermal Resistance: (ASTM C-518) R-Value – 5.6 per inch thickness
- Water Vapor Transmission: (ASTM E-96) 1.6 perm inch max.
- ASTM E-84
  Flame Spread 15
  Smoke Developed 110
- ASTM E-162
  Flame Spread Index 4
- Shelf Life: 12 months

5. INSTALLATION

Read all instructions and safety information (MSDS) prior to use of any product.
Foam bonds to skin quickly – wear protective rubber gloves, coveralls, head covering, boots, face shield, and safety glasses during application.

Application : For optimum performance and foam quality, the temperature of the spray environment and foam materials should be 70-80°F. Application in temperatures below 70°F may increase set up time and reduce overall performance of all polyurethane foam. Use only in well ventilated area. Follow all MSHA safety regulations and requirements for ventilation, storage and use. Self-contained or supplied air-breathing apparatus not required by personnel working in the process or in the immediate area of the application. Isocynates less than 1 PPB. (Test: NIOSH Method 5522. Results on file – U.S. Department of Labor as tested by MSHA.)

Storage: Materials may be stored below 70°F. However, temperatures of A & B canister materials must be brought to a minimum of 70°F prior to application. Canisters stored in low temperatures may require more than 24 hours to warm their chemical contents.

Limitations: THIS PRODUCT IS NOT A FIRE STOP OR FIRE BARRIER PENETRATION SEALANT.

6. PRODUCT SAFETY

CAUTION:
HEAT/COMBUSTION RELEASES HAZARDOUS DECOMPOSITION PRODUCTS. Contains MDI Monomer and Chlorodifluoromethane. Do not puncture or incinerate tanks. Do not expose to heat or store at temperatures above 120°F (49°C). Do not store in vehicles or warehouses where temperatures may exceed 120°F (49°C). Do not expose to heat, sparks, or open flames. This product is not intended for use in applications where temperatures exceed 250°F (121°C).

First Aid: In case of eye contact, flush eye with water for 15 minutes and get immediate medical attention. If ingested, call a physician. Remove wet foam immediately from skin with acetone or nail polish remover. Dried foam is hard to remove from skin. If foam dries on skin, apply generous amounts of petroleum jelly or lanolin, leave on for one hour, wash thoroughly, and repeat process until foam is removed. Do not attempt to remove dried foam with solvents. KEEP OUT OF REACH OF CHILDREN – NOT FOR USE BY CHILDREN.

7. YIELD ESTIMATE

Cubic Feet.....16.7
Board Feet 200