



# TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

## DAP® TOUCH 'N SEAL® Low GWP 2.0 pcf SLOW RISE SPRAY FOAM KIT– Cream

### PRODUCT DESCRIPTION

DAP® Touch 'n Seal® Low GWP 2.0 pcf Slow Rise Spray Foam Kit is a two-component foam formula, available in a variety of low-pressure dispensing units. When used according to manufacturer's directions, 2.0 pcf Slow Rise Spray Foam produces closed cell rigid polyurethane foam with ASTM E-84 Class A fire resistance. The system complies with the US Coast Guard requirements for flotation material (33 CFR 183.144). 2.0 pcf Slow Rise Spray Foam is designed for pour-in-place applications where foam needs to completely fill cavities or spaces without creating voids or excessive pressure. Uses include insulating difficult to reach voids in construction projects and OEM insulation or cavity filling applications like transportation vehicles/trailers and marine flotation.



| PACKAGING             | Case | COLOR | UPC        |
|-----------------------|------|-------|------------|
| Foam Kit 14CF Low GWP | 1    | Cream | 7565022220 |
| Foam Kit 44CF Low GWP | 1    | Cream | 7565026220 |

### KEY FEATURES & BENEFITS

- 120 second gel time for excellent flow
- ASTM E-84 Class A Fire Rating
- Meets the US Coast Guard requirements for flotation material 33 CFR 183.144



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- Increased flow time to completely fill gaps, corners, holes and cavities
- Reduces vibration and sound transmission
- Increases structural strength
- Kits contain 5 black injection nozzles and 5 clear conical nozzles

## SUGGESTED USES

### USE TO FILL AND SEAL:

- Cavity fill
- Channel fill
- Transportation & marine applications
- Hard to reach voids in construction projects

## FOR BEST RESULTS

- **Apply in temperatures between 60°F- 90°F (15-32°C)**
- **Chemical contents must be between 70°F – 90°F (21-32°C) before dispensing**
- **Surface temperatures should be between 60°F- 90°F (15-32°C)**
- **DO NOT USE for filling gypsum board stud wall cavities, as wall distortion or damage may occur**
- Surface must be clean, dry, structurally sound and free of all foreign material for adhesion
- Do not store at temperatures above 120°F (49°C)

## APPLICATION

**DIRECTIONS: Important – read all directions and cautions before use. Always wear gloves, eye protection and work clothes. Use drop cloths. Always refer to local building codes prior to use.**

**Preparation / Application:** Please refer to Operating Instructions found inside the product packaging or call Customer Service at 888-DAP-TIPS. Surfaces to be sprayed must be clean, dry, and free of all foreign material that may inhibit proper adhesion.

**Clean-up:** If wet foam contacts skin, clean immediately with a dry rag – do not use water – water accelerates curing. Cured foam must be removed mechanically from surfaces. Uncured foam can be cleaned from most surfaces with Foam Cleaner or acetone. If foam dries on skin, apply generous amounts of petroleum jelly, put on plastic gloves and wait 1 hour. With a clean cloth, firmly wipe off residue and repeat process if necessary. DO NOT use acetone or other solvents to remove product from skin.

**Storage & Disposal.** Keep container upright and tightly closed in a well-ventilated dry area at moderate room temperatures 60°F to 80°F (15°C to 27°C). Storage above 90°F will shorten shelf life. Do not expose



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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 SDS for more information.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

|                                 |   |               |                            |
|---------------------------------|---|---------------|----------------------------|
| Shelf Life                      | 15 months; unopened container                 |               |                            |
| Gel Time                        | 120 seconds                                   |               |                            |
| Fully Cured                     | Approx. 12-24 hour                            |               |                            |
| Cutable                         | 10 - 20 minutes                               |               |                            |
| ASTM D1621 Compressive Strength | 17.3 psi (1.22 kgf/cm <sup>2</sup> )          |               |                            |
| ASTM C518 R-Value               | Initial 6.1<br>Aged 5.6                       |               |                            |
| Density, Free Rise              | 1.80 pcf (28.0 kg/m <sup>3</sup> )            |               |                            |
| Density, In-Place               | 1.80 – 2.0 pcf (28.8 – 32 kg/m <sup>3</sup> ) |               |                            |
| Closed Cell Content             | >94%  |               |                            |
| ASTM D1623 Tensile Strength     | 31 psi (214 kPa)                              |               |                            |
| Water Absorption                | 0.21%   |               |                            |
| Title 33 (33 CFR 183.114)       | Test Fluid                                    | Test Duration | Percent Change in Buoyancy |
|                                 | Gasoline Vapor                                | 30 days       | -0.8%                      |
|                                 | Reference Fuel B                              | 24 hours      | -0.1%                      |
|                                 | Reference Fuel B                              | 30 days       | -0.4%                      |
|                                 | Reference Oil #2                              | 24 hours      | -0.1%                      |
|                                 | Reference Oil #2                              | 30 days       | -0.8%                      |
|                                 | Trisodium Phosphate                           | 24 hours      | -0.2%                      |
|                                 | Trisodium Phosphate                           | 30 days       | -2.1%                      |

### Theoretical Volumetric Yield\*

|        | Weight<br>(including packaging) | Density                                     |   |   |
|--------|---------------------------------|---|---|---|
|        |                                 | 1.80  | 2.0   | 2.5   |
| FK 200 | 43 lbs.                         | 16.3 ft <sup>3</sup> (0.42 m <sup>3</sup> ) | 14.7 ft <sup>3</sup> (0.38 m <sup>3</sup> ) | 11.7 ft <sup>3</sup> (0.30 m <sup>3</sup> ) |
| FK 600 | 119 lbs.                        | 48.9 ft <sup>3</sup> (1.26 m <sup>3</sup> ) | 44.0 ft <sup>3</sup> (1.1 m <sup>3</sup> )  | 35.2 ft <sup>3</sup> (0.91 m <sup>3</sup> ) |

\*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.



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Title 33 CFR 183.114

Meets Requirements for Flotation

## SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request an SDS by visiting our website at [dap.com](http://dap.com) or calling 888-DAP-TIPS.

## WARRANTY

**LIMITED WARRANTY:** If the product fails to perform when used as directed within one year from the date of purchase, call 888-DAP-TIPS with your sales receipt and product container available for replacement product or sales price refund. DAP Global Inc. will not be responsible for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufacturer:** DAP Global Inc., 2400 Boston Street, Suite 200, Baltimore, Maryland 21224

**Usage Information:** Call 888-DAP-TIPS or visit [dap.com](http://dap.com) & click on "Ask the Expert"

**Order Information:** 800-327-3339 or [orders@dap.com](mailto:orders@dap.com)

**Fax Number:** 410-558-1068

**Also, visit the DAP website at [dap.com](http://dap.com)**