**INTRODUCING COLORWISE™ TEMPERATURE WARNING NOZZLES**

ColorWise™ Temperature Warning Nozzles change from clear to blue, indicating that the chemical has reached an extreme cold temperature and the foam should not be dispensed.

- Nozzle turns **BLUE** when chemical is at an extremely cold temperature (55–60°F).
- Nozzle is **BLUE** when left in cold conditions, turns CLEAR when spraying chemical at optimal chemical temperature.
- Visually warns the user at the point of spraying that the chemical is too cold.
- **Color changes in seconds!**

This patent pending technology is only available with Handi-brand™ products.

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**TEMPERATURE RECOMMENDATIONS**

Too hot or too cold chemical and substrate temperatures negatively impact the application and quality of polyurethane foam. This can lead to off-ratio spray, lower yield and adhesion issues.

- Off-ratio foam has the potential for creating an odor issue and often needs to be removed.
- Foam loses physical properties when sprayed at an incorrect chemical temperature.
- Incorrect temperature of chemical or substrate can greatly affect the yield, resulting in loss of product.

**OPTIMAL CHEMICAL TEMPERATURE**

70°–85°F (21°–29°C)*

*See TDS for formula specific temperature recommendations, available at www.fomo.com

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Optimal chemical temperature is between 70–85°F (21–29°C). While your nozzle may stay clear between the 56–69°F (14–20°C), the chemical is not conditioned properly. Therefore, when your nozzle does turn blue your chemical has reached an extreme cold temperature.
Handi-brand® low-pressure one-component polyurethane foam sealants and adhesives (OCF), low pressure spray polyurethane foams (SPF), and low pressure pour-in-place polyurethane foams (PIP) are composed of a diisocyanate, hydrofluorocarbon or hydrocarbon blowing agent, and polyol. For polyurethane foam sealants/adhesives: wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure. Use only in a well-ventilated area. Avoid breathing vapors. Read the (M)SDS and instructions carefully before use (www.fomo.com). For spray polyurethane foams and pour-in-place polyurethane foams: wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure. Use only in a well-ventilated area and with certified respiratory protection or a powered air purifying respirator (PAPR). Additional information on ventilation can be found in the Product Stewardship Guide (www.fomo.com). Read the (M)SDS and instructions carefully before use (www.fomo.com). For professional use only. Building practices unrelated to materials can lead to potential mold issues. Material suppliers cannot provide assurance that mold will not develop in any specific system.

The Warm Up

It takes three times longer to warm chemical up than it does to cool it down. Heating solution products help maintain an optimal temperature to conditioned chemicals.

CONDITIONING RECOMMENDATIONS

Properly conditioning chemical temperature prior to use is critical to the ratio, adhesion and appearance of the foam.

- Provides maximum quality
- Prevents chemical waste
- Maximizes yield

CONDITIONING REQUIREMENTS

DISPOSABLE SYSTEMS
24 HOURS

REFILLABLE SYSTEMS
48 HOURS

HEATING PRODUCT SOLUTIONS

Fomo Products offers heating solutions for maintaining the recommended optimal chemical temperature.

- Magnum Heated System® Hose Assembly
  - F66265 - 150' (45M)
- Magnum Heated System® Tank Wraps
  - F65230 - fits Refill Systems 17/27
  - F65235 - fits Refill Systems 60/100
- Spray Foam Cylinder Wraps
  - F65245 - fits 605 kits

SPRAY OUT RATIO

The equal flow of A-component and B-component is critical to proper performance, curing and to reaching optimal yields. When a problem occurs, it may be from an uneven chemical flow or partial or complete blockage of one of the chemical ports.

TOO HOT
Crunchy, friable, slow or non-curing. Darker brown in color.

TOO COLD
Softer, white colored, runny foam, with shrinkage.

JUST RIGHT
Consistent A to B ratio, tack-free after 1 minute.

Personal Protective Equipment (PPE) required:

- For more information, see Product Stewardship Guidelines (A14009).