



**BCC PRODUCTS, INC.**

**BLEHM PLASTICS**

FAST CAST – EPOXIES – URETHANES – POLYESTER PASTES – TOOLING BOARDS – RELEASE AGENTS – SILICONES

## **BP 8002 / BP 8003 STYROFOAM PATTERN ADHESIVE**

### **DESCRIPTION:**

BP 8002 / BP 8003 are water-based latex-rubber adhesives used for the rapid build-up of styrofoam foundry patterns. BP 8003 is a natural cream color, while BP 8002 contains a green dye for easier visibility. They have been specially formulated and are fully approved for the "Full Mold Foundry Process" of direct metal casting using styrofoam patterns.

BP 8002 / BP 8003 have a light-bodied viscosity together with an anti-sag property which makes them quick and easy to apply. They will not soften, dissolve, or etch the styrofoam surface, but will rapidly penetrate into the pores of the styrofoam so that the fully cured bond will be stronger than the styrofoam itself. The bond will also have excellent resistance to the aging effects of oxygen, moisture, and heat.

### **USE PROCEDURE:**

BP 8002 / BP 8003 may be applied with either a brush, spatula, squeegee, or other similar means. Apply the adhesive to one surface of the joint to be bonded and immediately assemble to the other surface by positioning the piece being bonded into the approximate position, sliding into exact final position, and then applying a light pressure to set the adhesive. This initial set, in most cases will be sufficient to immediately proceed with the complete assembly of the entire pattern. The bond will cure rapidly so that in cases where contour milling is required, the pattern may be milled in a few hours. Full strength is acquired with an overnight cure.

### **PROPERTIES:**

Color:	BP 8002 - Green / BP 8003 - Cream
Base:	Latex rubber dispersed in water
Thinner:	Use water only
Weight per gallon:	7.6 pounds
Flammability:	Non-flammable as supplied
Shelf Life:	6 months

### **PRECAUTIONS:**

Keep from freezing. For further safety information, please see the MSDS.

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