



POLYTEK® DEVELOPMENT CORP.
BCC PRODUCTS, INC.

Technical Data Sheet

BP-8002 Green Styrofoam Latex Adhesive

BP-8003 Cream Styrofoam Latex 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.

DISCLAIMER: The information in this bulletin and otherwise provided by Polytek® Development Corp. is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained by the use thereof, or that any such use will not infringe any patent. Before using, the user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith.

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