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**BP 8004 / BP 8005
STYROFOAM PATTERN SEALER**

DESCRIPTION:

BP 8004 / BP 8005 are water-based paste-wax compounds used for the filling of surface irregularities and the forming of fillet-radii on styrofoam foundry patterns. BP 8004 is a natural cream color, while BP 8005 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 8004 / BP 8005 have a soft paste-like consistency which spreads and fills easily and smoothly. They dry with very little shrinkage and no surface cracking so that one application is usually sufficient to fill most irregularities and form fillet-radii. After application, a firm skin will form within minutes, and it will be thoroughly dry overnight. The sealer on a completed styrofoam pattern will withstand all normal storage and transportation conditions.

USE PROCEDURE:

The sealer is packaged in plastic 5 gallon pails with a polyethylene film covering the top surface. Peel back the polyethylene film and remove the desired amount of sealer, and as soon as convenient, replace the film to prevent the wax from drying out. Any crust that does form can be softened again by mixing back into the soft sealer, covering, and allowing to stand overnight.

BP 8004 / 8005 may be applied with any of the usual spreading tools, such as putty knives, tongue depressors, etc. Fillet-radii may be conveniently applied with the rounded end of a wood tongue depressor. Usually a finished surface can be obtained with the spreading tool; however, if a more perfect surface is desired, allow the sealer to dry for awhile and then smooth with a soft cloth, dampened in water. For best results and easiest application store at 70°F or higher prior to use.

PROPERTIES:

Color:	BP 8004 - Cream / BP 8005 - Green
Base:	Water-based wax emulsion
Thinner:	Use water only
Weight per gallon:	6.6 pounds
Flammability:	Non-flammable as supplied
Shelf Life:	Greater than one year

PRECAUTIONS:

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

July, 2001