

Technical Datasheet

Bostik, Inc.



PURESEAL™ 23520 Water Base Heat Seal

Introduction Pureseal 23520 is a phthalate free heat seal formulated for application via gravure presses or rod coaters for bonding PETG, PVC, OPP, BOPP or Oriented Polystyrene to a wide variety of substrates. It is recommended that this adhesive be thoroughly tested to confirm that it processes and performs as required.

Processing Information

- Stir well before use. Continuous slow mixing while coating required.
- Use as received. Pureseal 23520 is supplied press ready.
- Contact Bostik for technical advice before making any additions to the coating.
- Complete drying is necessary prior to winding in roll form or stacking sheets.
- Heat seal conditions vary depending upon heat seal coat weight and substrate.
- Temperature, pressure and dwell time all contribute to a satisfactory seal.
- Clean up before the coating dries using warm water and liquid detergent.

Typical Properties *

Specific Gravity, lb/gal	8.5 – 9.1
Viscosity, cps at 77°F (25°C)	200 – 600
Solids, %	39 - 47
pH	7.5 – 9.5
Shelf Life (Unopened)	6 months
FDA Status	See regulatory letter for details
Min. Heat Activation Range	158 – 165°F (70 – 74°C)

*Values are typical property ranges and are not to be used as specifications

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Recommended Operating Conditions

Equipment	Rod and gravure coaters
Diluents	Up to 4% with water or propylene glycol
Dry coating weight	2 – 7 lbs per 3000 ft ²
Drying web temperature	110 – 130°F (43-54°C)
Rewind temperature	<100°F (38°C)

Storage, Handling and Commercial Warranty

Product should be stored in an environmentally controlled area between 40-100 °F (4-38 °C). After use, seal container to avoid contamination with water and dust. Consult the Safety Data Sheet for this product prior to using or handling. When stored under recommended conditions, the commercial warranty is 6 months from the date of manufacture.

Precautions

Personnel handling this product should wash thoroughly and quickly after handling, especially before eating, smoking or using toilet facilities. Remove compound from body and clothing with proper washing methods. Precautions must be taken to avoid eye or skin contact or inhalation of vapors. Consult the Safety Data Sheet for this compound prior to using or handling. Cleaning of application equipment should be accomplished as quickly as possible, using warm water and liquid detergent.

Notice

All information presented herein is believed to be accurate and reliable, and is solely for the user's consideration, investigation and verification. The information is not to be taken as an express or implied representation or warranty for which Bostik, Inc. assumes legal responsibility. Any warranties, including warranties of merchantability, fitness for use or non-infringement of intellectual property rights of third parties, are herewith expressly excluded.

Since the user's product formulations, specific use applications and conditions of use are beyond the control of Bostik. Bostik makes no warranty or representation regarding the results which may be obtained by the user. It shall be the sole responsibility of the user to determine the suitability of any of the products mentioned for the user's specific application.

Bostik requests that the user reads, understands and complies with the information contained herein and the current Safety Data Sheet.