

## Spectra-Guard<sup>®</sup> HSL

### Heat Seal Coating

FEATURES	APPLICATIONS
Water-Based	Blister Packs
Heat Activated Seal	Envelopes

#### USAGE

**Spectra-Guard<sup>®</sup> HSL** is an aqueous based heat seal coating. The formulation allows superior bonding when the coating comes in contact with itself and heat is applied.

#### GLUEING & PRINTING

**Spectra-Guard<sup>®</sup> HSL** can be glued with cold-set adhesives or hot-melt adhesives. Spectra-Kote<sup>®</sup> can provide you with a detailed list of qualified adhesives best suited for use with this product.

**Spectra-Guard<sup>®</sup> HSL** is overprintable using Flexographic presses. It is recommended that all inks be reviewed for suitability of ink coverage.

#### APPLICATION METHODS

**Spectra-Guard<sup>®</sup> HSL** is suitable for application with rod, roll, blade and gravure equipment. Minimal heat addition is recommended and the use of liner chiller systems when available.

#### TECHNICAL INFORMATION

Coating Type: -----Proprietary Polymer  
 Color: -----Liquid / Dry :: White / Clear  
 pH: -----6.5 – 7.5  
 Viscosity #2 Zahn (sec): -----20.0 – 40.0  
 Repulpability: -----Yes  
 FDA Compliant\*: -----Yes  
 Freeze / thaw: -----Stable  
 \*For complete compliance information please contact Spectra-Kote<sup>®</sup>. The above properties are typical values and should not be interpreted as product specifications.

#### HANDLING INSTRUCTIONS

**Spectra-Guard<sup>®</sup> HSL** water-based formulation is specially designed for simple handling. This non-hazardous odorless coating can be washed clean from machinery with soap and water. The coating is compatible with standard industry water-based cleansers. If the coating comes in contact with the skin, simply rinse with water.

## Spectra-Guard® Coatings

### ALTERNATIVE TO WAX AND POLYETHYLENE PRODUCTS

The **Spectra-Guard®** systems of coatings provide an excellent opportunity for every segment of the paper industry to offer unique innovations to their customers. This series of coatings is capable of being fully integrated into every type of waste stream used throughout the industry. Coated substrates are fully repulpable with all types of recycle mills.

**Spectra-Guard® Coatings** are a non-hazardous water-based proprietary polymer coating designed for application on a wide array of paper substrates. Because all paper substrates vary in the coat weight required to obtain desired performance values, a thorough examination of the substrate/coating interaction should be conducted to determine the exact application weight. Spectra-Kote® is happy to facilitate substrate discussions between box maker and the end user of the carton to ensure the correct substrate/coating choice.

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