

## PRODUCT DATA SHEET Product PGT 24000

### Kraft/Corrugate Paper Water Base Coating

#### INTRODUCTION

Waterbase coating PGT 24000 is a patented formulation with an insect growth inhibitor for application via Gravure, Flexo, Offset or Rod presses on kraft or uncoated paper. This fast drying coating imparts no physical properties to the paper and protects dry food products from stored-product insect infestation. It is recommended that this topcoat be thoroughly tested to confirm that it processes and performs as required.

Typical applications would include but are not limited to; cereals, pet food, animal feed, rice, bird seed, flour and bakery mixes packaged in multiwall bags, corrugated and linerboard applications.

The ingredients in a dry film of PGT 24000 meet the current requirements of the FDA for food contact applications when used in accordance with the requirements and limitations of 21CFR176.180 components of paper and paperboard in contact with dry food.<sup>1</sup>

#### PROCESSING INFORMATION

- Stir well before use.
- Use as received, supplied press ready.
- Recommended coat weight: 0.5 – 1.0 wet pounds/thousand square feet. Consider a 300 line or lower anilox with an 8+ bcm
- Dry with sufficient volumes of air.
- Clean up before the coating dries using warm water and liquid detergent.
- Compatible with inks that contain low levels of polyethylene but not PTFE or silicone slip additive.

#### TYPICAL PROPERTIES

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| Product Class .....    | Acrylic                                                 |
| Viscosity .....        | 17-21 seconds, #2 Zahn cup @ 76° F                      |
| COF(kraft paper) ..... | May lower COF 0-5 degrees using slide angle measurement |
| pH .....               | 8.0 – 9.0                                               |
| Total Solids.....      | 29%+/-1                                                 |
| Density.....           | 8.0–9.0 lbs./gallon                                     |
|                        | Freeze Thaw                                             |
| Stability .....        | Do not freeze                                           |
| Shelf Life .....       | six months                                              |

#### STORAGE AND HANDLING

This waterbase coating should be stored in a plastic or poly lined container in the temperature range of 40 to 100°F. Do not freeze.

Consult the Material Safety Data Sheet for this product prior to using or handling

<sup>1</sup> The responsibility for compliance with FDA regulation resides with the manufacturer of the final product.

<sup>2</sup> 200 Sutherland rubs, face to face, with a 4lb. weight

<sup>3</sup> On SBS with a 160 quad flexo hand proofer after drying for 18 hours 120°F

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