

PRODUCT DATA SHEET

Product PGT 25000

Water Base Coating for Film and Paper

INTRODUCTION

Waterbase coating PGT25000 is a patented formulation with an insect growth inhibitor for application via Gravure, Flexo, Offset or Rod presses on polymer film substrates, woven fabric and paper substrates. This fast drying coating imparts no physical properties to the substrate 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, woven fabric used for bags and FIBC constructions.

The ingredients in a dry film of PGT 25000 meet the current requirements of the FDA for food contact applications when used in accordance with the requirements and limitations of 21CFR176.180 components.

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 250 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	13-18 seconds, #3 Zahn cup @ 77° F
COF(film).....	May raise COF 0-5 degrees using slide angle measurement
pH.....	8.8 – 9.25
Total Solids.....	43%+/-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

¹ The responsibility for compliance with FDA regulation resides with the manufacturer of the final product.

REV 7/18

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