

PRODUCT DATA SHEET

Product PGT23207

Carton Top Coat Waterbase Coating

INTRODUCTION

Waterbase coating PGT 23207 is a patented formulation with an insect growth inhibitor for application via sheet fed and flexo presses on paper, paperboard and linerboard. This fast drying coating imparts engineered COF, gloss and abrasion resistance 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, folding cartons, corrugated and packaging closure systems

The ingredients in a dry film of PGT 23207 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.¹

PROCESSING INFORMATION

- Stir well before use.
- Use as received, PGT 23207 is supplied press ready.
- Recommended coat weight: 0.7– 1.0 wet pounds/thousand square feet.
- Dry with sufficient volumes of warm air and medium or shortwave I.R.
- Clean up before the coating dries using warm water and liquid detergent.
- PGT 23207 is compatible with inks that contain low levels of polyethylene but not PTFE or silicone slip additive.

TYPICAL PROPERTIES

Product Class	Acrylic
Viscosity	17– 22 seconds, #3 Zahn cup@ 76° F
Rub Resistance ²	Good
Gloss (60°) ³	55 - 60
PH	8.0 – 90
Total Solids	37–42%
Density	8.6–8.9 lbs./gallon
Freeze Thaw Stability	Do not freeze
Shelf Life	Not recommended for use after 6 month

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.

² 200 Sutherland rubs, face to face, with a 4 lb. weight

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

REV 1-2025

Information presented is based on knowledge that is considered reliable but is stated without guarantee, warranty or responsibility regarding correctness, applicability or suitability for use. Buyer/user accepts all liability and sole responsibility for determining that the product is suitable for its actual use. ProvisionGard Technology LLC. accepts no liability for consequential damages arising from the sale, resale or use of this product.