



PRODUCT DATA SHEET Product PGT IGR 30000

ProvisionGard™ Polymer / Adhesive Additive

INTRODUCTION

ProvisionGard™ PGT IGR 30000 Liquid Polymer Additive is formulated with a patented insect growth inhibitor for insect control. It is used as an additive in existing food grade film and adhesive formulations. The resulting film layer protects dry food products from stored-product insect infestation. It is recommended that this additive 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 film multilayer bags, standup pouches and film wrapping systems.

The ingredients in a dry film of PGT 30000 meet the current requirements of the FDA for food contact applications when used in accordance with the requirements and limitations of 40 CFR180.1033.¹
EPA registered and approved (81390-2).

PROCESSING INFORMATION

- Use as received
- Recommended usage weight: 0.5-2% addition rate to standard adhesives, however actual rates will vary depending upon dry film thickness of adhesive layer. Consult Provision Value Gard prior to use.
- Purge after use and store for reuse if desired
- When liquid is added to a heated extruder, slight smoking will be noticeable at die discharge and a fruity odour will be present
- Mixes readily with all adhesive types with no separation over time. Can be combined as the last component in pre-formulated adhesives.

TYPICAL PROPERTIES

Appearance and Odour...	Clear liquid, fruity odour
Boiling Point.....	100 C at 0.05mm Hg.
Vapour Pressure	3.15 mPA (25C)
Specific Gravity	0.93 (H2O=1)
Bulk Density	0.9261 g/cm3 (20C)
Solubility	1.4mg/1 water: discipule with all common organic solvents
Flammability	Not flammable
Flashpoint	187 C open cup
Viscosity	Similar to olive oil

ADDITIONAL INFORMATION

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

Non hazardous and non toxic. Packaging ca be disposed of normally.

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

REV 10/14

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