



SWISS BRILLIANCE IN COATING

## TECHNICAL DATA SHEET

# F-19282 GALACRYL 8123 WATER-BASED COATING GLOSS

Viscosity 42s DIN #4, 19s Zahn #3, 190 CPS

Water-based overprint coating for finishing paper and cardboard.

**For Offset- coating unit, Flexo- unit and Roller Coater. Offline processing.**

### 1. Application

- packaging
- commercial printings

### 2. Product Properties

- liquid
- milky, turbid
- low odor
- not classified as hazardous, no subject to hazardous Material Regulations

### 3. Properties of the finished product

Even, smooth and glossy film:

- **good water-resistance**
- **good blocking properties**
- **good scuff- resistance**
- good adhesion to printing inks
- suitable for gluing and foil stamping
- suitable for folding and creasing, depending upon substrate
- can be recycled with the de-inking procedure

### 4. Technical data

Solid content	32%
Flash point	>100°C (212°F)
Viscosity 23°C(73.4°F)	
-DIN #4 Cup;	42 ± 5s
-Zahn #3 Cup;	19 ± 4s
-Centipoises;	190 CPS

### 5. Further processing

- Preliminary tests are imperative.

### 6. Coating preparations

- Stir well before use.
- Check machine for cleanliness.

### 7. Processing

- 7.1 Use in coating presses
- 7.2 Method of application
  - Coating- unit
  - Flexo- unit
- 7.3 Amount applied
  - 3 – 5 g / m<sup>2</sup> wet (as supplied)
- 7.4 Dryers
  - IR heaters / hot air
  - A combination of IR heaters and hot air has proved to be the most effective method.
- 7.5 Machine speed
  - Depends on capacity and state of the drier system as well as on substrate, and on quantity applied.
- 7.6 Cleaning
  - **Rinse immediately with water after use!**
  - Remove dried residues with suitable cleaning agent.
  - If machine stopped, rollers must continue running to prevent the coat from drying.
- 7.7 Stacking Behavior
  - Check temperature and flatness of stacks at delivery end.

### 8. Packaging

Canister	25 kg (6.6 gallon, 55.12 lb)
Drum	200 kg (55 gallon, 440.93 lb)
Tote	1000 kg (275 gallon, 2,204.62 lb)

Refer to our Safety Data Sheet Galacryl 8123 complying with Regulation 1907/2006/EC and observe warnings on packs.

## FOOD STUFF AND OTHER SENSITIVE PACKAGING:

The legal requirements applying to the manufacture of food packaging must be observed.

The finished packaging must be suitably tested for food safety in an accredited test laboratory before being marketed.

**Please refer to “General technical information for GALACRYL® overprint varnishes”.**

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The information contained in this publication is correct to the best of our knowledge and belief. No liability can be accepted on our part.

Given the many different applications and processing methods, you should always conduct your own tests on our products before commencing production.

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