



SWISS BRILLIANCE IN COATING

## TECHNICAL DATA SHEET

# GALACRYL 8120 (ex. 80.348.11) WATER-BASED VARNISH GLOSS

Viscosity 32 s

Water-based overprint varnish on conventional printing inks for finishing paper and cardboard.

**For Offset- varnishing unit, Flexo- unit and roller coater. Inline and Offline processing.**

### 1. Application

- packaging
- commercial printings

### 2. Product Properties

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

### 3. Properties of the finished product

Even, smooth and glossy film:

- **medium gloss**
- good adhesion to printing inks
- can be bonded
- suitable for gluing and hot foil blocking
- suitable for folding and creasing, depending upon substrate
- can be recycled with the de-inking procedure

### 4. Technical data

Solids content	31%
Flash point	>100°C
Viscosity DIN 4; 23°C	32 ± 5 s

### 5. Further processing

- Preliminary tests are imperative.

### 6. Varnishing preparations

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

### 7. Processing

7.1 Use in varnishing presses

### 7.2 Method of application

- Roller application
- Chamber blade application

### 7.3 Amount applied

- 4 – 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 and upon substrate and amount applied.

### 7.6 Cleaning

- Rinse with water after use.
- Remove dried residues with suitable cleaning agent.
- If machine stopped, rollers must continue running to prevent the varnish from drying.

### 7.7 Stacking Behaviour

Check temperature and flatness of stacks at delivery end.

### 8. Packs

Pail	25 kg
Drum	200 kg
Container	600 kg, 1000 kg

### 9. Safety precautions

Refer to our Safety Data Sheet Galacryl 8120 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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