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TECHNICAL DATA SHEET

GRAVURE RETENTION VARNISH CSV 97

DESCRIPTION

GRAVURE RETENTION VARNISH CSV 97 is a solvent-borne varnish for the gravure printing of paper beverage labels. This coating has been especially formulated to protect the inks on paper labels during the hot caustic washing process during bottle recycling.

FEATURES

- Non-toxic
- Good gloss
- Low foaming
- Passes hot alkali retention test
- Good resistance to scuff and abrasion
- Non-blocking - will not stick in the reel
- Excellent adhesion to paper substrates
- Excellent flexibility
- Low COF
- Low odour

PROPERTIES

- | | |
|--------------------------|--------------------------------------|
| ▪ Gloss | Not < 50% @ 60° (Label paper) |
| ▪ Solids Content | 22.4 ± 1% |
| ▪ Package Viscosity | 35 – 37 Sec Zahn Cup No. 2 @ 25° □ C |
| ▪ Angle of Slide | <20° (Coating-to-coating) |
| ▪ Dry Coating Weight | 3 – 4 g/m ² (dry) |
| ▪ Reducer | Ethanol or ethanol/ethyl acetate 2:1 |
| ▪ Retarder | Dowanol PM® (1-Methoxy-2-Propanol) |
| ▪ Wash Up | Mixture of ethanol and ethyl acetate |
| ▪ Flash Point (Open Cup) | <25°C |

DRYING

By means of hot air current.

PACKAGING AND STORAGE

Packed in 25 Kg pails or 200 Kg drums. Storage stability is six months in original, unopened containers at 20°C.

THIS DATA SUPERCEDES ANY DATA ISSUED PRIOR TO APRIL, 2020

