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TECHNICAL DATA SHEET

UV DISTELL GLOSS VARNISH VR2009

DESCRIPTION

UV DISTELL GLOSS VARNISH VR2009 is a gloss UV overprint varnish for paper and board designed to provide a high gloss and yield finish for food & label packaging. VR2009 is suitable for roller coating application in-line on wet UV inks or off-line on dry conventional inks.

FEATURES

- High slip
- Low foaming
- Outstanding mileage
- High scuff and abrasion resistance
- Good adhesion to a variety of substrates
- Acceptable odour levels
- Excellent gloss
- Fast curing

PROPERTIES

- | | |
|---------------------------|----------------------------------|
| ▪ Cure Speed (80W) | 50 m/min |
| ▪ Relative Density @ 25°C | 1.015 |
| ▪ Viscosity | 12 – 13 Sec Zahn Cup No.4 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | 94 – 96% (Valkraft board) |
| ▪ Angle of Slide | 16 – 19° |
| ▪ Foaming Test | < 10 % |
| ▪ Flashpoint | N/A |

DRYING

By means of UV curing unit.

PACKAGING AND STORAGE

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

GENERAL

VR2009 does not contain ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

The raw materials used in VR2009 are acceptable for use under EU regulations governing hazardous materials for the packaging industry. VR2009 is not toxic but will cause taint and odour problems if in direct contact with foodstuffs, especially those of a high fat content. Therefore VR2009 should be used only in applications where the varnish does not come into direct contact with food.

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO FEBRUARY, 2020

