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TECHNICAL DATA SHEET

RADCOAT UV FLEXOGLOSS VARNISH VR2099

DESCRIPTION

RADCOAT UV FLEXOGLOSS VARNISH VR2099 is a fast curing UV gloss overprint varnish designed to provide a high gloss and yield finish on fluted corrugated board. VR2099 is suitable for in-line flexographic application over water-based flexographic inks.

FEATURES

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

PROPERTIES

- | | |
|--------------------------------------|--------------------------------------|
| ▪ Cure Speed (200W/cm ²) | 147 m/min * |
| ▪ Relative Density @ 25°C | 1.015 g/cm ³ |
| ▪ Viscosity | 11 – 12 Sec Zahn Cup No.4 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | Not < 90% (Valkraft oard No. 1K-Bar) |
| ▪ Angle of Slide | < 25° |
| ▪ Flashpoint | N/A |

***Dependant on maximum efficacy of lamps and reflectors**

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°C.

GENERAL

The raw materials used in VR2099 are acceptable for use under EU regulations governing hazardous materials for the packaging industry. VR2099 is not toxic but will cause taint and odour problems if in direct contact with foodstuffs, especially those of a high fat content. Therefore VR2099 should be used only in applications where the varnish does not come into direct contact with food.

VR2099 does not contain 4-MBP, ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO FEBRUARY 2020

