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TECHNICAL DATA SHEET

RADCOAT UV ROLLERCOAT VARNISH VR436

DESCRIPTION

RADCOAT UV ROLLERCOAT VARNISH VR436 is a gloss UV overprint varnish for paper and board designed to provide a high gloss and yield finish for food & label packaging. VR436 is suitable for roller coating application in-line on wet UV inks or off-line on dry conventional 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 (80W) | 60 m/min |
| ▪ Relative Density @ 25°C | 1.015 |
| ▪ Viscosity | 14 – 16 Sec. Zahn Cup No.4 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | Not < 90 % (Valkraft Board) |
| ▪ 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

The raw materials used in VR436 are acceptable for use under EU regulations governing hazardous materials for the packaging industry. VR436 is not toxic but will cause taint and odour problems if in direct contact with foodstuffs, especially those of a high fat content. Therefore VR436 should be used only in applications where the varnish does not come into direct contact with food.

VR436 does not contain ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

