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TECHNICAL DATA SHEET

RADCOAT UV STAMPABLE FOIL VARNISH VR2117

DESCRIPTION

RADCOAT UV STAMPABLE FOIL VARNISH VR2117 is a foilable gloss UV overprint varnish for paper and board designed to provide a high gloss and yield finish for food & label packaging. VR2117 has specially been formulated without BENZOPHENONE or 4-METHYL BENZOPHENONE. VR2117 is suitable for roller coating application in-line on wet UV inks or off-line on dry conventional inks.

FEATURES

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

PROPERTIES

- | | |
|---------------------------|-----------------------------------|
| ▪ Cure Speed (80W) | 140 m/min |
| ▪ Relative Density @ 25°C | 1.015 |
| ▪ Viscosity | 13 – 14 Sec Zahn Cup No.4 @ 25° C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | >90% (Valkraft board) |
| ▪ Angle of Slide | not >15° |
| ▪ Foaming Test | <25 % |
| ▪ 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°C.

GENERAL

The components used in RADCOAT UV STAMPABLE FOIL VARNISH VR2117 would be compliant with FDA regulations for indirect food contact.

VR2117 does not contain ITX (Isopropylthioxanthone), TAA (Titanium Acetylacetonate), 4-METHYL BENZOPHENONE or BENZOPHENONE.

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

