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TECHNICAL DATA SHEET

UV HI SLIP GLOSS UVR21

DESCRIPTION

UV HIGH SLIP GLOSS UVR21 is a gloss UV overprint varnish specifically formulated for applications where a low co-efficient of friction (High Slip) is required. UVR21 is suitable to run on narrow and mid web flexographic machines with integrated UV curing.

FEATURES

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

PROPERTIES

- | | |
|---------------------------|--|
| ▪ Cure Speed (80W) | 100 – 110 m/min |
| ▪ Relative Density @ 25°C | 1.10 |
| ▪ Viscosity | 13 Sec Zahn Cup No.4 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Scuff Test | >100 cycles (TMI Scuff Tester - 4lb wt.) |
| ▪ Gloss @ 60° | 75 – 85 % (Depends on substrate & wt.) |
| ▪ Angle of Slide | 14 – 18° Coating to Metal |
| ▪ Foaming Test | < 20% |
| ▪ 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 UV HI SLIP GLOSS UVR21 would be compliant with FDA regulations for indirect food contact.

UVR21 does not contain ITX (Isopropylthioxanthone) , TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

