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## TECHNICAL DATA SHEET

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### RADCOAT UV ROLLERGLOSS VR545

#### DESCRIPTION

RADCOAT UV ROLLER GLOSS VR545 is a very fast curing gloss UV overprint varnish for paper and board designed to provide a high gloss and yield finish for food & label packaging. VR545 has been specifically formulated for in-line double coaters as the topcoat.

#### FEATURES

- Low foaming
- Acceptable slip
- Very fast curing
- Excellent levelling & lay
- Acceptable scuff and abrasion resistance
- Good adhesion to a variety of substrates
- Acceptable odour levels
- Outstanding mileage
- Excellent gloss

#### PROPERTIES

- |                           |                                   |
|---------------------------|-----------------------------------|
| ▪ Cure Speed (80W)        | 140 m/min                         |
| ▪ Relative Density @ 25°C | 1.015                             |
| ▪ Viscosity               | 14 – 15 Sec. Zahn Cup No.4 @ 25°C |
| ▪ Solids Content          | 100%                              |
| ▪ Recommended Film Weight | 3 – 5 g/m <sup>2</sup>            |
| ▪ Gloss @ 60°             | Not < 92 % (Valkraft board)       |
| ▪ Angle of Slide          | > 25°                             |
| ▪ 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**

**VR545 does not contain ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).**

**THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020**

