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TECHNICAL DATA SHEET

RADCOAT SILKSCREEN CRACKERJACK MATT USM223

DESCRIPTION

RADCOAT SILKSCREEN CRACKERJACK MATT USM223 is a smooth, matt UV overprint varnish for silkscreen application to paper and board, designed to provide a low odour and dull finish for food & label packaging. When overprinted by RADCOAT SILKSCREEN CRACKERJACK GLOSS VARNISH SUG354, a reticulated surface effect is produced. USM223 is designed for silkscreen application in-line on wet UV inks or off-line on dry conventional inks.

FEATURES

- Low odour
- Low foaming
- Good sealing properties
- Good adhesion to a variety of substrates
- High scuff and abrasion resistance
- Dull matt finish
- Excellent slip

PROPERTIES

- | | |
|----------------------------|------------------------------------|
| ▪ Cure Speed (80W) | 40 m/min |
| ▪ Relative Density at 25°C | 1.17 |
| ▪ Viscosity | 26 – 28 Sec Zahn Cup No.4 at 25° C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss at 60°C | 15 – 20 % on Valkraft board |
| ▪ Flash Point | 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 SILKSCREEN CRACKERJACK MATT USM223 would be compliant with FDA regulations for indirect food contact.

USM223 does not contain ITX (Isopropylthioxanthone) , TAA (Titanium Acetylacetonate)

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR OCTOBER, 2020

