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TECHNICAL DATA SHEET

UV SILKSCREEN VARNISH USS21

DESCRIPTION

UV SILKSCREEN VARNISH USS21 is a gloss UV overprint varnish for paper and board designed to provide a high gloss, fast curing with a smooth glass-like finish.

FEATURES

- Excellent gloss
- Acceptable odour levels
- High scuff and abrasion resistance
- Good adhesion to a variety of substrates
- Excellent flow out and leveling
- Outstanding mileage
- Low foaming

PROPERTIES

- | | |
|----------------------------|------------------------------------|
| ▪ Relative Density at 25°C | 1.12 |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | Recommend 160,180 or 200 mesh size |
| ▪ Viscosity | 50 – 53 Sec Zahn Cup No. 4 @ 25°C |
| ▪ Gloss @ 60° | 91 – 94% |
| ▪ Cure Speed (80W) | 30 – 40m/min |
| ▪ 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 SILKSCREEN VARNISH USS21 would be compliant with FDA regulations for indirect food contact.

USS21 does not contain ITX (Isopropylthioxanthone) , TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

