



13 Natal Street, Paarden Eiland, 7405
P.O. Box 498, Paarden Eiland, 7420
National: 0861 105 973
CPT: 021 510 5811
Fax: 021 510 5818
www.classiqcoatings.com
technical@classiqcoatings.com

TECHNICAL DATA SHEET

UV SILKSCREEN LOLM POLYBOARD VARNISH SUG402

DESCRIPTION

UV SILKSCREEN LOLM POLYBOARD VARNISH SUG402 is a low odour and low migration UV-curing overprint varnish for paper, board and polyboard designed for silkscreen application to provide a fast curing coat with a smooth glass-like finish. SUG402 is suitable for indirect applications on chocolate boxes or foodstuffs with a high fat content. The cured coating is functionally stable to 220°C.

FEATURES

- Water-white
- Fast cure speed
- Low taint and odour
- Low migration levels
- High scuff and abrasion resistance
- Good adhesion to a variety of substrates
- Suitable for indirect food contact
- Excellent flow out and leveling
- Outstanding mileage
- High degree of slip
- Low foaming

PROPERTIES

- | | |
|----------------------------|-------------------------------------|
| ▪ Relative Density at 25°C | 1.12g/ cm ³ |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | Recommend 160, 180 or 200 mesh size |
| ▪ Viscosity | 33 – 36 Sec. Zahn Cup No. 4 @ 25°C |
| ▪ Gloss @ 60° | 60 – 70% |
| ▪ Cure speed (80W) | 50 – 60 m/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 LOLM POLYBOARD VARNISH SUG402 would be compliant with FDA regulations for indirect food contact. SUG402 is not toxic but will cause taint and odour problems if in direct contact with foodstuffs, especially those of a high fat content. SUG402 should therefore only be used in applications where the varnish does not come into direct contact with food.

SUG402 does not contain ITX (Isopropylthioxanthone) , TAA (Titanium Acetylacetonate), 4-methyl benzophenone or benzophenone.

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

