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## TECHNICAL DATA SHEET

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### UV FREEZER PACK GLOSS VARNISH LUV 560

#### DESCRIPTION

UV FREEZER PACK GLOSS VARNISH LUV560 is a high gloss UV overprint varnish for application by dry plate litho printing. This product produces excellent results for both board and paper applications.

#### FEATURES

- Fast curing
- Excellent gloss
- Outstanding mileage
- Does not yellow with age
- Good adhesion to a variety of substrates
- Excellent wetting and flow out characteristics
- High scuff and abrasion resistance
- Acceptable odour levels
- Acceptable slip
- Low foaming

#### PROPERTIES

- |                           |                                  |
|---------------------------|----------------------------------|
| ▪ Cure Speed (80W)        | 50 – 60 m/min                    |
| ▪ Relative Density @ 25°C | 1.079                            |
| ▪ Viscosity               | 80 – 85 Sec Zahn Cup No.4 @ 25°C |
| ▪ Solids Content          | 100%                             |
| ▪ Recommended Film Weight | 3 – 6 g/m <sup>2</sup>           |
| ▪ Gloss @ 60 degrees      | > 95% (Valkraft Board)           |
| ▪ Angle of Slide          | < 20°                            |
| ▪ 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 FREEZER PACK GLOSS VARNISH LUV560 would be compliant with FDA regulations for indirect food contact.

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

