

# Technical Data Sheet

## SLA 4950/SLA 4955

### 2K Solvent Free Polyurethane System

SLA 4950/SLA 4955 is a Solvent free two component polyurethane adhesive.

#### Specification:

PRODUCT SPECIFICATION	SLA 4950	SLA 4955
COMPONENT	NCO	OH
SOLIDS in %	100	100
VISCOSITY @ 25°C in CPS	4000 - 5000	4500-5500
DENSITY in gm/cm <sup>3</sup>	1.2	1.18
COLOUR	Colourless to Pale Yellow	Colourless to Pale Yellow
APPEARANCE	Clear to Slight Hazy	Clear

Viscosity is measured by Brookfield DVII\*

#### Application Area:

SLA4950 /SLA 4955 must be processed on laminating machine designed for solventfree adhesive system. The product has good runnability on machine with excellent potlife.

PROCESS PARAMETER	SLA 4950	SLA 4955
COMPONENT	NCO	OH
MIXING RATIO BY WEIGHT	100	80
MIXING RATIO BY VOLUME	100	81
TEMPERATURE PROFILE		
PREHEATING °C	40– 45	40– 45
DOSING UNIT °C	40– 45	40– 45
APPLICATION °C	40– 45	
NIP °C	40 - 60	
COAT WEIGHT gm/m <sup>2</sup>	1 - 3 (depends on substrate, print and application)	
POTLIFE @ 40°C	after 45 mins 5000 ± 500 cps *	

#### Curing Time:

Curing of the laminates depends on the substrates used, applied coating weight and storage condition.

#### Cleaning Guidelines:

In case the machine stops for more than 30 mins, the coating unit has to be cleaned with solvents like ethyl acetate, MEK or acetone before starting the machine. The same cleaning process has to be observed at the end of the run.

#### Storage Guidelines

SLA 4950 have a storage of 9 months and SLA 4955 for 12 months if stored in a cool and dry environment in original unopened container. The opened containers of SLA 4950 /SLA 4955 should be closed tightly and must be used as soon as possible.

#### DISCLAIMER

The information provided in this data sheet is based on our knowledge and experience. There are many variables at laminators end which will influence the performance like the machine running parameters, operational conditions, various structures used and ambient conditions which are beyond our control. We advise our customers to make their own determination of suitability of this product for their application by making trials at their end. As such this information is offered in good faith but we cannot accept any liability.