



Coates Screen

## Product Data Sheet

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# UV-CURING PAD PRINTING HARD COAT LAB-N 151584

### APPLICATION

Ink type LAB-N 151584 has been developed as protection varnish for e.g. key pads, etc. UV-curing pad printing varnish LAB-N 151584 is suitable for printing onto ABS, PC, PMMA and other plastics.

Due to the different properties of printing materials, even within the same material range, printing tests are absolutely necessary.

### PROPERTIES

UV- curing pad printing varnishes LAB-N 151584 show good printability and chemical resistance. They also show a very good abrasion resistance.

There are two versions available:

LAB-N 151584/70-01-MT matt

LAB-N 151584/70-02-NT glossy

### AUXILIARY AGENTS

Printing consistency is adjusted with 10-20% thinner.

Thinner            **Additive A**  
                         **Additive B**  
                         **Additive C**

For retardation use TPD. If retarder TPD is too slow, also thinner VD 60 can be used as retarder.

### UV-CURING

Pad printing varnishes LAB-N 151584 only cure under UV-radiation of suitable wavelength and intensity. Drying parameter depend on layer thickness, colour and substrate.

Curing energy should be between 500 and 1500 mJ/cm<sup>2</sup>. Further processing and stacking of the prints can be carried out immediately after drying, however maximum chemical and abrasion resistance will only be achieved after a period of 24 hours.

### CLEANING

Pad printing inks LAB-N 151584 can be removed from clichés and tools using thinner VD 40 or Cliché Spray.

### PACKING

LAB-N 151584 varnishes are available in 1 liter containers.

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## **SHELF LIFE**

Shelf life is approx. 1 year. For detailed information regarding shelf life please see tin label.

## **CLASSIFICATION**

Read material safety data sheets prior to processing.

The material safety data sheets according to Regulation (EC) No 1907/2006 contain classification according to preparations directive (1999/45/EC) as well as instructions for precautions when processing, handling and storing as well as first aid.

The information given in the material safety data sheet refers to processing as described in this product data sheet.

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*The statements in our product and safety data sheets are based on our present experiences, however they are no assurance of product properties and do not justify a contractual legal relationship. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the job. - All former product data sheets are no longer valid. - APRIL 2008 - Version No. 3*

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