



Coates Screen

Product Data Sheet

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/cm². 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.

SHELF LIFE

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

Classification

Read material safety data sheet prior to processing.

The material safety data sheet according to Regulation (EC) No. 1907/2006 (REACH) contains classification according to Regulation (EC) No. 1272/2008 (CLP/GHS) as well as instructions for precautions when processing, handling and storing as well as first aid.

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 - All former product data sheets are no longer valid. – MAY 2015 - Version No. 5

Coates Screen Inks GmbH
Wiederholdplatz 1 90451 Nürnberg
Phone: 0911 6422 0 Fax: 0911 6422 200
<http://www.coates.de>
