

NB80 UV ADHESION PROMOTER

TECHNICAL DATA SHEET

NB80 is an adhesion promoter that may be added to certain Nazdar inks to improve adhesion to plastics and some coated metals. To achieve optimum adhesion results on polyolefins, i.e. corrugated polypropylene; it is recommended that the surface tension test above 44 dynes/cm.

NB80 may be added to the following inks: Plastic Plus, 8400 9600, 9700, and all Nazdar UV curable inks.

USER INFORMATION

While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. See full disclaimer at the end of the document.

AMOUNT

Solvent Inks: Add up 10% by weight and mix thoroughly.

UV Inks: Add up to 5% by weight and mix thoroughly.

Refer to each ink series technical data sheet for specific recommendations.

POT LIFE

Pot life of ink/catalyst mixture is dependent on the amount of NB80 used. UV inks with 5% NB80, and solvent inks with 10% NB80 have an expected pot life of 6 – 8 hours. Halftone inks will have a shorter pot life, normally 2 – 3 hours.

CURING

Refer to each ink system's technical data sheet for recommended cure parameters.

Note: Improved adhesion will be demonstrated within 24 hours. The NB80 may continue to react, improving ink film properties over the next several days.

STORAGE

NB80 reacts with moisture and temperature. Store tightly covered at temperatures between 65°-90°F (18°-32°C). Mix only enough ink that is needed for the day's production run. Ink taken from the press should not be returned to the original container; store separately to avoid contaminating unused ink.

GENERAL INFORMATION

HANDLING

All personnel mixing and handling this product must wear gloves and eye protection. Clean up spills immediately. If product does come in contact with skin, wipe ink off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash the affected area with soap and water. Consult the NB80 Material Safety Data Sheet for further instructions and warnings.

Nazdar® stands behind the quality of this product. Nazdar® cannot, however, guarantee the finished results because Nazdar® exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life-cycle from printing, post-print processing, and shipment to end-use. This product has been specially formulated for screen printing, and it has not been tested for application by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar®.

Based on information from our raw material suppliers, this product is formulated to contain less than 0.06% lead. If exact heavy metal content is required, independent lab analysis is recommended.

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