Technical Data Sheet

Nazdar 55 Series Aqueous Color Separation

NAZDAR INK TECHNOLOGIES

v 05 EN

Ref: v05 EN

NAZDAR® 55 Color Separation Series Digital Imaging Inks are dye based black inkjet inks for use in Epson Printhead Technology Digital printers. These purpose built inks are engineered for producing screen print film positives at much higher Ortho and UV densities than the standard pigmented photo inks.

Primary Features & Substrates

Features

- High intensity black with a high UV density value for maximum UV light adsorption
- Wider exposure latitude on screen exposure units
- Excellent ink performance and resolution on a variety of exposure films
- Can print at higher speeds compared to using pigment inks.
- Lower running costs through the use of no color ink cartridges in the other ink channels

Substrates

- Standard film positive products

Adhesion should always be tested as adhesion does depend upon drying conditions, age and manufacturer of substrate.

Ink Handling

All personnel mixing and handling these products must wear gloves and eye protection. Clean up all spills immediately. If ink does come in contact with skin, wipe ink off with a clean, dry cloth (do not use solvent or flush solution). Wash the affected area with soap and water. Consult the Nazdar® 55 Series Material Safety Data Sheet for further instructions and warnings.

Ink Changeover

The inks should only be installed on new machines that have not had original inks installed previously. These inks can also be used on Epson 4000, 7600 and 9600 dye based printers but the existing inks should be flushed out using cleaning cartridges before installing the inks.

Clean Up

Use soap and water for cleanup of all ink spills.

Storage/Shelf Life

Store ink and cleaning solutions at 77˚F (25˚C) or below. All water based products should be protected from freezing at all times. Ink and cleaning solutions should always be kept away from heat, sparks, and flames. If stored at a different temperature, the ink should be allowed to reach room temperature before calibration or printing. Recommended shelf life of this product is 18 months from the date of manufacture when stored under preferred conditions.

Ink Performance

Durability

All film positives should be stored in a dark and dry environment to minimize fading over long periods of storage.

Environmental Operating Parameters

Temperature:

- 66 ˚ F – 80 ˚ F [19 ˚ C – 27 ˚ C]

Humidity:

- Optimum: 40% - 60% (non-condensing)
- Operational: 30% - 70% (non-condensing)

Validated Equipment

Nazdar® 55 Series Inks are designed for use in the following printer platforms:

- Epson Stylus Pro 4000, 4800, **4880***
- Epson Stylus Pro 7600, **7700***, 7800, 7880, **7890***
- Epson Stylus Pro 9600, **9700***, 9800, 9880, **9890***

* Currently available models

Digital Aqueous

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Nazdar Quality Statement

Nazdar® stands behind the quality of this product. Nazdar® cannot, however, guarantee the finished results because Nazdar® exercises no control over individual operating 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 digital printing, and it has not been tested 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, these products are formulated to contain less than 0.06% lead. If exact heavy metal content is required, independent lab analysis is recommended.

Manufacturers Product Offering

The Nazdar 55 Series inks are available in different packaging for a variety of different printers. Please find your printer model below for the correct item numbers.

This technical data sheet only lists products that are available for currently manufactured printer models. For legacy models, please refer to the most recent Nazdar Digital Printing Inks Catalog.

Bulk Inks – Available in 1 liter containers

Item Number	Color
LPASCRSEPKK	Piezo Color Sep Black
LPAQIBSSNC	Piezo NCI Sep Clear

Cartridge Inks – for Epson 7890/9890

Item Number	Color
LPA55G4SSKKC3	LYSON55 GEN4SS FOTO BLK
LPA55G4SSKMC3	LYSON55 GEN4SS MATT BLK
LPA55G4NCICLC3	LYSON55 GEN4NCI L CYAN
LPA55G4NCICYC3	LYSON55 GEN4NCI CYAN
LPA55G4NCIKKC3	LYSON55 GEN4NCI FOTO K
LPA55G4NCIKLC3	LYSON55 GEN4NCI LT BLK
LPA55G4NCIKMC3	LYSON55 GEN4NCI MATT BLK
LPA55G4NCIKXC3	LYSON55 GEN4NCI LL BLK
LPA55G4NCIMAC3	LYSON55 GEN4NCI MAGENTA
LPA55G4NCIMLC3	LYSON55 GEN4NCI LT MAG
LPA55G4NCIYEC3	LYSON55 GEN4NCI YELLOW

Cartridge Inks – for Epson 7700/9700

Item Number	Color
LPA55G4SSKKC3	LYSON55 GEN4SS FOTO BLK
LPA55G4SSKMC3	LYSON55 GEN4SS MATT BLK
LPA55G4NCICYC3	LYSON55 GEN4NCI CYAN
LPA55G4NCIKKC3	LYSON55 GEN4NCI FOTO K
LPA55G4NCIKMC3	LYSON55 GEN4NCI MATT BLK
LPA55G4NCIMAC3	LYSON55 GEN4NCI MAGENTA
LPA55G4NCIYEC3	LYSON55 GEN4NCI YELLOW

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Cartridge Inks – for Epson 4880

Item Number	Color
LPAE4880SSKKC2	E4880 SCR SEP BLK
LPAE4880SSKLC2	E4880 SCR SEP LT BLK
LPAE4880NCIYEC2	E4880 NCI YEL
LPAE4880NCIMLC2	E4880 NCI LT MAG
LPAE4880NCIMAC2	E4880 NCI MAGENTA
LPAE4880NCIKXC2	E4880 NCI LL BLK
LPAE4880NCIKLC2	E4880 NCI LT BLACK
LPAE4880NCIKKC2	E4880 NCI BLACK
LPAE4880NCICYC2	E4880 NCI CYAN
LPAE4880NCICLC2	E4880 NCI LT CYAN

Cartridge Inks – for Epson 7880/9880

Item Number	Color
LPAE880SSKKC2	E7880/9880 SCR SEP BLK
LPAE880SSKLC2	E7880/9800 SCR SEP LT BLK
LPAE880SSKXC2	E7880/9880 SCR SEP LL BLK
LPAE880NCIYEC2	E7880/9880 NCI YEL
LPAE880NCIMLC2	E7880/9880 NCI LT MAG
LPAE880NCIMAC2	E7880/9880 NCI MAGENTA
LPAE880NCIKXC2	E7880/9880 NCI LL BLK
LPAE880NCIKLC2	E7880/9880 NCI LT BLACK
LPAE880NCIKKC2	E7880/9880 NCI BLACK
LPAE880NCICYC2	E7880/9880 NCI CYAN
LPAE880NCICLC2	E7880/9880 NCI LT CYAN

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