

**Primary uses of this product are for POP displays, durable graphics and banners where color fidelity and adhesion are of primary importance. Typical substrates for this graphic ink are: acrylics, fluted polypropylene, styrene, Dibond, foam boards, Sintra, rigid and flexible vinyl, rigid PVC, pressure sensitive banner, and window cling**

### Features

- Formulated for use in multiple applications with adhesion to a wide variety of flexible and rigid substrates.
- Excellent resistance to edge chipping on rigid substrates when used with a knife or router cutter
- Long-term exterior performance with proven resistance to the effects of UV degradation and color fade
- High impact, high intensity colors with extended color gamut
- Consistent color density values
- Heat Bendable

### Substrates

Acrylics  
Sintra® and other Expanded PVC products  
Rigid Polyethylene (PE)  
Fluted Polypropylene (PE)  
Foamboard  
Polycarbonate (PC)  
Dibond® (and other composite enameled aluminum panels)  
Teslin® Synthetic Paper  
Styrene (PS)  
Lexan

*Substrate recommendations are based on commonly available materials intended for the ink's specific market when the inks are processed according to this technical data. 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. Reference the 'Quality Statement' at the end of this document.*

### Cure Parameters

Ink series has been formulated to cure when exposed to a focused, medium pressure mercury vapor lamp providing 225 – 300 mJ/cm<sup>2</sup> and 600 mW/cm<sup>2</sup>. (EIT Uvicure Plus radiometer, measuring the UVA spectrum).

### Ink Handling

All personnel handling this product 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 Safety Data Sheet for further instructions and warnings.

### Ink Changeover

Thoroughly clean your current ink system and jet assemblies with LWU7002FF UV Flush Solution. Avoid contact with skin. Wear protective safety glasses and appropriate gloves when handling flush solution. Consult SDS for proper procedures for using Flush solution. Complete conversions procedures available upon request. UV inkjet equipment is not in use for extended periods of time the ink should be flushed from the printheads to avoid unwanted in-head curing from stray light sources.

### Cleanup

For clean-up of ink spills and equipment use LWU7002FF UV Maintenance Solution. Avoid contact with skin. Wear approved safety glasses and appropriate gloves when using Maintenance Solution. Consult the MSDS for further safety precautions.

## General Information

### Handling

Refer to the SDS for recommendations on handling.

Wear gloves and barrier cream to prevent direct skin contact. Safety glasses are suggested in areas where ink may be splashed. If product does come in contact with skin, wipe ink off with a clean, dry cloth (do not use solvent or reducer). Wash the affected area with soap and water.

### Weathering / Outdoor Durability

Revision date Jun-03-2024

Revision 3

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# Nazdar 730 Series UV Inkjet Ink



When ink series is used with the proper color management, color variance will be minimal over a period of 24 months vertical outdoor exposure. Outdoor durability is based on actual outdoor weather testing in the central U.S. on statically mounted substrates. Results for regions with extreme weather conditions or applications other than static signage may vary significantly and should be tested by the end user.

To ensure ink density and hue values do not change during outdoor exposure, it is important to use proven substrates (flexible vinyls and pressure sensitive vinyls) that do not "yellow" or vary from their original white cast when exposed outdoors.

## Environmental Operations Parameters

Temperature:

- 65° F – 80° F [18° C – 27° C]

Humidity:

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

## Storage / Shelf Life

Store ink and flush solutions at 18°- 27° C (65°- 80°F). Ink and flush 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. The shelf life of this product is 12 months from the date of manufacture when stored under prescribed conditions.

## Standard Color Range

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

## Packaging / Availability

Contact your Nazdar distributor for product availability and offering.

## Validated Equipment

Series Inks are designed for use in the following printers platforms: par\u8226 ? Inca Onset S40ipa\u8226 ? Durst P10

## Manufacturer's Product Offering

All colors listed in the table below are available in 1, 5, and 8 liter containers. Contact your Nazdar distributor for product availability and offering.

Item Type	Item Number	Item (or Color) Description
Standard Colors	LWU730CY	Cyan
Standard Colors	LWU730MA	Magenta
Standard Colors	LWU730YE	Yellow
Standard Colors	LWU730KK	Black
Standard Colors	LWU730CL	Light Cyan
Standard Colors	LWU730ML	Light Magenta
Standard Colors	LWU730KL	Light Black
Standard Colors	LWU730OR	Orange
Standard Colors	LWU730WH	White
Standard Colors	LWU730NC	Clear
Flush	LWU7001FF	UV Maintenance Solution
	Available Upon Request	
Standard Colors	LWU730GR	Green
Standard Colors	LWU730VT	Violet

## 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 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®.*

## Nazdar Ink Technologies

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