Technical Data Sheet

Nazdar 205 Series Solvent Inkjet Ink

NAZDAR INK TECHNOLOGIES

v 1 EN

Ref: v1 EN

Nazdar® 205 Series Digital Imaging Inks are designed specifically for use in Roland™ TrueVIS SG2 and VG2 Series Digital Printers using Roland TR2 Ink.

Primary Features & Substrates

Features

- Formulated to meet the regulatory targets achieved by Roland TR2 inks.
- Low odor formulation
- Color matched to Roland TR2 inks, avoiding the need for custom profiles in most situations.
- Fully compatible with Roland TR2 inks, simply replace with a Nazdar 205 pouch when the OEM expires.
- High print speed capability.
- High impact, high intensity colors equivalent to the original OEM ink set.
- Consistent and reliable print performance.

Substrates

- Self-Adhesive, flexible and pressure sensitive vinyl
- Banner Material
- Blue back paper
- Backed mesh

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® 205 Series Material Safety Data Sheet for further instructions and warnings.

Ink Changeover

When changing from Roland TR2 original ink pouches to Nazdar 205 series pouches, operators should remove the OEM ink, replace with Nazdar ink and continue printing. This can be carried out either one color at a time or all colors together.

No ink fills are required.

For conversions from non-OEM inks or bulk feed systems please consult www.nazdar.com.

Clean Up

Use item number LWS205FF Maintenance Solution for the most effective cleanup of ink spills and cleaning of jet assemblies. Avoid contact with skin. Wear approved safety glasses and appropriate gloves when using Maintenance Solution. Consult MSDS for further safety precautions.

Storage/Shelf Life

Storage and transportation of ink and cleaning solutions should be carried out between 5˚- 25˚C (41˚- 77˚F). Ink and cleaning solutions should always be kept away from heat, sparks, and flames. If stored or transported at a different temperature, the ink should be allowed to reach room temperature before calibration or printing. This may have an adverse effect on performance and will affect any warranties given by Nazdar.

Recommended shelf life of this product is 15 months from the date of manufacture when stored under preferred conditions.

Ink Performance

Outdoor Durability

Nazdar 205 Series Inks are designed for maximum outdoor resistance to color fade and chemical attack caused by the combined effects of UV degradation and environmental pollution.

Each color is formulated with durable long-term outdoor pigments. When Nazdar 205 Series Inks are used with proper color management, color variance of the original print density will be minimal over a period of 24 months for vertical outdoor exposure.

To ensure the color properties of Nazdar 205 Series inks do not change color 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. All Nazdar 205 Series Inks are formulated for maximum adhesion to an extensive range of unsupported and pressure sensitive vinyls. Always pretest for acceptable adhesion prior to production.

Digital Solvent Inkjet

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Environmental Operating Parameters

Temperature:

- 66 ˚ F – 80 ˚ F [19 ˚ C – 27 ˚ C]

Humidity:

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

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.

Validated Equipment

Nazdar 205 Series Inks are designed for use in the following printer platforms:

- Roland TrueVIS2 SG300/SG540/SG640
- Roland TrueVIS2 VG300/VG540
- Roland TrueVIS2 VF2-640

Manufacturer's Product Offering

All colors listed below are available in a 500ml pouches, an integrated RFID chip is included. Maintenance Solution is available in 500ml pouch and 1-liter containers. Contact your Nazdar distributor for product availability and offering.

Inks

Item Number	Color
LWS205CYC5	Cyan
LWS205MAC5	Magenta
LWS205YEC5	Yellow
LWS205KKC5	Black
LWS205LCC5	Light Cyan
LWS205LMC5	Light Magenta
LWS205LKC5	Light Black

Maintenance (Flush) Solution

Item Number	Color
LWS205FF1L	Flush Solution 1 Liter
LWS205FFC5	Flush Solution 500ml Cart

Nazdar Ink Technologies Offices Worldwide

Nazdar Ink Technologies -World Headquarters
8501 Hedge Lane Terrace
Shawnee, KS 66227-3290 USA
Toll Free US: 866-340-3579
Tel: +1 913-422-1888
Fax: +1 913-422-2296
E-mail: NazdarOrders@nazdar.com
Technical Support E-mail: InkAnswers@Nazdar.com

Nazdar Limited – EMEA
Battersea Road, Heaton Mersey
Stockport, England SK4 3EA
Tel: + 44 (0)-161-442-2111
Fax: + 44 (0)-161-442-2001
EMEA Technical Service E-mail:
technicalservicesuk@nazdar.com

Nazdar – Asia Pacific
11, Changi North Street 1 #03-03/04
Singapore 498823
Tel: +65-6385 4611
E-mail: aspac@nazdar.com

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