

DCA51 Gloss Overprint Clear is a water-based clear for use as a protective coating to extend the durability and abrasion resistance of digitally printed graphics. This product shows excellent clarity and flow-out properties. DCA51 is a one part system and does not require the addition of cross-linking catalyst. The primary features of this product are as follows:

- Long term exterior performance with proven resistance to the effects of UV degradation and color fading
- Excellent adhesion and flexibility on most self-supporting flexible vinyls and pressure sensitive vinyls.
- Fast drying characteristics minimize the risk of “blocking”

SUBSTRATES Self supporting flexible and pressure sensitive vinyl

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.

APPLICATION The DCA51 is formulated to be ready for use. Thoroughly mix the product prior to application. Use a medium nap paint roller or a synthetic lamb’s wool mop applicator. This product can also be applied using a traditional wire rod liquid laminator.

Do not apply additional coats or re-roll partially dry clear coat as surface degradation will occur.

Maintain product temperatures at 65°-90°F (18°-32°C) for optimum print drying performance. Lower temperatures increase the product viscosity, impairing both flow and drying. Elevated temperatures lower the product viscosity affecting flow and leveling properties, and film thickness.

Pretest to determine optimum printing performance for a particular set of ink, substrate, and drying variables/conditions.

This product is recommended for use with Lyson® Solvent Digital Inks.

DRYING DCA51 will air-dry in approximately 30 minutes dependent on temperature and humidity conditions. Block testing is recommended prior to folding and packaging. Good air circulation is necessary to remove the vaporized solvents.

ADDITIVES All additives should be thoroughly mixed into the product before each use. Prior to production, test any additive adjustment to the ink.

Reducer: Use 2732 Thinner to reduce the viscosity of this product. Add up to 10% by weight.

CLEAN UP For best results use warm or hot water with mild soap.

STORAGE Store tightly covered at temperatures between 65°-90°F (18°-32°C). Product taken from the container should not be returned to the original container; store separately to avoid contaminating unused ink. **DCA51 should be protected from freezing.**

GENERAL INFORMATION

INK 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 DCA51 Material Safety Data Sheet for further instructions and warnings.

WEATHERING / OUTDOOR DURABILITY DCA51 Gloss Overprint Clear is designed for maximum outdoor resistance to yellowing and chemical attack caused by the combined effects of UV degradation and environmental pollution.

When DCA51 Gloss Overprint Clear is used with Lyson® Solvent Digital Inks, color variance of the original print density will be minimal over a period of 36 months vertical outdoor exposure.

PRODUCT OFFERING

PACKAGING DCA51 is available in gallon containers. (5 gallon containers are available upon request.)

PACKAGING Additives/Reducers are available in gallon containers.

Stock Number	Additives/Reducers
2732	Thinner

To ensure Nazdar® DCA51 Gloss Overprint Clear performs to its highest potential, 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. Nazdar® DCA51 Gloss Overprint Clear is formulated for maximum adhesion to an extensive range of unsupported and pressure sensitive vinyls. Always pretest for acceptable adhesion prior to production.

Nazdar® stands by the quality of our products. Nazdar® cannot, however, guarantee the finished results because Nazdar® exercises no control over individual operation 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. This limitation also applies to any technical assistance Nazdar® may provide. The quality of a substrate to be printed can vary, as can that of an ink being overprinted; therefore, product information and technical advice is given in good faith based on industry standards and prior experience. It is the printer’s responsibility to pretest the ink selected prior to engaging in a production run. Allow at least 24 hours after test printing to evaluate the suitability of the ink and its adhesion to the surface. Before using, the printer is solely responsible for determining the suitability of the product for its intended use.

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.

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