

DuPont™ Artistri® Ink - 3500 Series

Pigment Ink

General Guidelines

Storage and Handling of DuPont™ Artistri® P3590 White Pigment Ink

Ink Type: DuPont™ Artistri® Pigment Ink

All DuPont™ Artistri® ink and cleaning solutions will provide excellent results when stored and handled properly. The following storage and handling practices are required to ensure consistent quality and performance of Artistri® P3590 white ink.

Product Storage Guidelines:

It is recommended that Artistri® P3590 white ink be stored in a clean, dry area, with temperatures regulated between 10 and 40 degrees Celsius (50 to 104 degrees Fahrenheit).

Handling of ink in 20 liter pails:

Artistri® P3590 white ink requires thorough mixing/agitation upon receipt to regain the fully reconstituted formula in each pail or drum. Weekly agitation is also required to maintain this homogenous state. The ink should also be agitated prior to pour out and repackaging. We recommend using a mechanical roller agitation system. If this is not possible, the ink can be agitated using low energy motion by rolling the containers on the floor. Rolling the pails or drums provides the desired agitation to reconstitute the soft sediment back into the ink.

We recommend a nine rpm agitation rate for the following times or until no sediment remains on the bottom of the pail:

<i>DuPont™ Artistri® P3590W Ink Storage & Agitation Requirements</i>		
Ink status	Agitation Time	Frequency
New Ink	120 minutes	Upon Receipt
Inventory	5 minutes	Weekly
Repackaging	5 minutes	Prior to pour out

Repackaging into small containers:

Ink in 20 liter pails or a 200 liter drum requires agitation prior to pour out to ensure it is well mixed when it is repackaged into smaller containers. Typically five minutes on a roller is sufficient, with well-maintained product.

If settling occurred in stored ink and sediment accumulates in the bottom of a pail or drum, (more than ¼") then agitate the ink on a roller for 15 to 120 minutes, until no sediment remains on the bottom of the pail and the ink is homogeneous again.

Storage & Handling for 2 liter bottles or small containers:

Store the filled bottles in a clean, dry area. Agitate the ink weekly using a mechanical roller system or manually roll or gently shake the bottles. Agitate the ink for five (5) minutes each week until the ink is fully mixed with no sediment on the bottom of the bottle.

Shelf Life:

DuPont™ Artistri® P3590W Ink				
Shelf Life				
Ink Container	Agitation Frequency	Shelf life		Shelf Life Constant rolling
200 liter drum	weekly	6 months		1 year
20 liter pail	weekly	6 months		1 year
2 liter bottle or small container	weekly	6 months		1 year

Roller System Information:

Our recommendations for agitation rate and agitation time are based on laboratory testing on a mechanical roller agitation system equipment manufactured by:

U.S. Stoneware
700 East Clark St.
Palestine, Ohio 44413
1-800-426-8808
Fax 330-426-1859

Mechanical roller agitation system equipment is available from other manufacturers. Different agitation rates and/or agitation times may be applicable with equipment from other manufacturers in order to achieve the recommended state. Contact the equipment manufacturer of your choice regarding the suitability of their equipment with respect to your specific needs.

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The information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use. We recommend that customers satisfy themselves that each product meets their requirements in all respects. This information is being provided by DuPont free of charge as a courtesy to DuPont's customers, and DuPont HEREBY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES AND LIABILITIES WITH RESPECT TO THE INFORMATION AND USE THEREOF. Subject to change without notice. All sales are subject to our standard terms and conditions of sale.

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