

SIPI440 TS100 Flattening Powder

SIPI440 is used to flatten the ink to reduce gloss level and increase block resistance. It also increase the viscosity of an ink.

Benefit(s) / Use(s)

Increases viscosity of the ink. Less SIPI440 needed to reduce gloss compared to SIPI414 (see separate TDS for more information). Use to increase block resistance.

Cautions

Too much SIPI440 can lead to curing issues, reduces the ink flow and transfer.
The additive powder is very light and can be difficult to work with and mix into the ink.
Flattening the inks may decrease outdoor durability.

Specific Use

Flattening powders require a mixer for proper dispersion.

Add up to the following amount to the ink by weight: **5%**

Example for additives: Ink at 100g with 8% of an additive is calculated as: **100g ink + 8g additive = 108g total**

Additive Usage

Any additives should be mixed thoroughly into the ink before each use. Prior to production, test additive adjustments to the ink. Over addition of additives can destroy various ink properties, i.e. adhesion, inter-coat adhesion, drying, screen stability, gloss, viscosity, etc.

Inks containing additives should not be mixed with other inks.

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.

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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.

For assistance on a wide range of important regulatory issues, consult the following Regulatory Compliance Department link at <http://www.nazdar.com> or contact Nazdar Ink Technologies - World Headquarters (see contact listing at the end of this document).

Storage / Shelf Life

Store closed containers at temperatures between 65°-78°F (18°-25°C). Storing products outside of these recommendations may shorten their shelf life.

Packaging / Availability

Contact your Nazdar distributor for product availability and offering.

Item Type	Item Number	Item (or Color) Description
Additives	SIPI440	TS100 Flattening Powder

Nazdar Quality Statement

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Revision 1

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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®.

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