



PRODUCT DATA SHEET

Product: PrintSmart™ PUBLICATION INKS

Series: SUNNEWS™ HEATSET INKS FOR UNCOATED IMPROVED NEWSPRINT

DESCRIPTION: Designed to improve quality, consistency and productivity, PrintSmart™ SunNews products bring you the best total print solution. Sun Chemical combines ink, consumables, and technical service to create an outstanding package of printing products supported by the resources of the world's largest ink company.

SunNews™ SERIES FEATURES:

- Provides optimum printing latitude across most grades of uncoated and SCB papers.
- Excellent blanket release, transfer, and smooth lay of solid ink densities.
- Improved ink chemistry to reduce piling and picking on most challenging improved newsprint substrates
- Proven performance on conventional and FM screening technologies..
- Exceptional color control on press with excellent fount compatibility with leading fount suppliers including Rycoline products.
- Proven performance on all types of web offset heatset presses.

SUBSTRATE APPLICATION:

- 28-40# Improved Newsprint
- 28-40# Directory Newsprint
- 28-38# SCB
- **Note:** Pretest all substrates prior to use in production.

RECOMMENDED WEB TEMPERATURES:

All heatset inks contains petroleum distillates that have a range in drying properties. The ideal web exit temperature is 270-280°F to drive off these distillates from the ink film.

PRODUCT RANGE:

- There are several different options of SunNews™ inks with varying pigment levels dependent on application, performance and economics.
- A variety of black ink options are also available dependent on lay and/or tone requirements.

STORAGE: Heatset inks should be stored at 70-80°F (21-27°C) for optimum pumping and press performance. Storage of heatset inks outside or below room temperature will increase the tack and ink body and may inhibit efficient ink pumping or transfer. Totes should not be stored outside in extreme cold or hot temperatures. The top of the tote bin is not sealed; water from precipitation can enter the tote if the bin is stored openly outdoors.

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HEALTH AND SAFETY: As with all inks, gloves and safety goggles should be used when handling this product. For more complete information, refer to the relevant Material Safety Data Sheets.

Technical Specifications:

Tack:	3.5 – 6.0 (depends on color)
Viscosity	50 - 100 (depends on color)
UV Coatability:	none
Gloss/slip:	Good (adequate for the end use)
Laser Compatibility:	not recommended
VOC:	within 35 - 45%

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