

SunVisto AquaGreen Technical Data Sheet

SunVisto AquaGreen is a family of water-based ink products formulated with high levels of Bio-Renewable sourced resins that deliver the required critical performance attributes across a range of paper packaging applications.

typical characteristics and features

SunVisto AquaGreen inks are formulated to have the following properties:

- Significantly higher levels of Bio-Renewable resin content as compared to previous and other market offerings
- Blendable with standard water-based pigment dispersions
- No compromise in end-use or on-press performance
- High levels of resistance properties – Rub & Abrasion, Water, Grease
- Outstanding print fidelity and ink resolubility on press
- Performance stable and low ink maintenance requirements
- Quick setting and property development to allow for in-line converting

technical information and ink handling

Application method

SunVisto AquaGreen inks are designed for flexographic printing across a range of substrates, applications and press conditions. Finished colors are created by blending with standard water-based dispersions. Typical dispersion levels range from 20 – 60%.

Press speed

Press speeds are dependent upon press conditions, stock, and press drying capabilities. SunVisto AquaGreen inks have demonstrated to print and convert at high speeds.

Viscosity & Reducers

Print viscosities may depend on application and press configuration, however, typical viscosities are in the 24 – 30 seconds using a #2 Zahn EZ. Reducer with water or pH adjusted water.

pH

Running pH may vary some on application and press conditions, with typical range being 8.5 – 9.5. MEA, or a dilute solution of MEA and water, is typically used to adjust pH.

EMG Number	Description	Applications
PMAFW1591049	High Opacity White	Single-Wall or Multi-Wall Bags, Folding Carton
WKAFW0836060	Pigmented Vehicle	Single-Wall or Multi-Wall Bags
WKAFW0536061	Clear Vehicle	Folding Carton, Single-Wall or Multi-Wall Bags



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rollers & plates

SunVisto AquaGreen inks are designed to work with anilox configurations common across the industry (Line Work – 550 line screen 4.0 BCM to 200 line screen 9.0 BCM, Process & Screen 700 line screen 3.0 BCM to 1200 line screen 1.8 BCM). Standard photopolymer or rubber plates are recommended.

clean-up

SunVisto AquaGreen Inks can be commonly cleaned with water alone. For dried ink, consider a cleaner such as SunVisto PowerScrub or SunVisto Anilox Renew.

substrates (vary by application):

SunVisto AquaGreen inks can be used on:

- Uncoated Kraft and Bleached White
- Various Paperboards (SBS, clay coated kraft and recycled boards)
- Lightweight waxing grade or pre-waxed papers

storage considerations

SunVisto AquaGreen inks can be stored in a sealed container with a clean lid for up to twelve (12) months. These inks should not be stored below 39°F (4°C) or higher than 100°F (37°C).

safety, health and environment

SunVisto AquaGreen inks should be used in accordance with normal standards of industrial hygiene and good manufacturing practice. Please refer to the Safety Data Sheet for specific information. Safety Data Sheets will be supplied.

Printing inks, coatings and printing residues should be disposed of in accordance with local and national regulations.

The information contained in this technical data sheet is only a recommendation and may need to be altered to suit the conditions and efficiency of the equipment employed. Our products are not designed for use in conjunction with those of any other ink maker or similar supplier unless agreed to in writing.

Sun Chemical | North American Inks | 135 West Lake Street | Northlake, IL 60164
+1.708.236.3779 | www.sunchemical.com | naimarketing@sunchemical.com

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