

Sun Chemical Rycoline®

Green Diamond™ 4600 Fountain Solution Technical Data Sheet

Rycoline Green Diamond 4600 fountain solution provides optimum feedback control for desired ink and water balance as needed blanket lubrication for minimal piling.

typical characteristics and features

Rycoline Green Diamond 4600 fountain solution is formulated to provide the

following benefits:

- Enhanced ink feed back control
- Optimal ink and water balance
- Minimal piling

technical information and ink handling

Fountain Solution Selection

Product selection	EMG Number	SAP Number 5-Gallon Pail	SAP Number 55-Gallon Drum	SAP Number 275-Gallon Tote
Rycoline Green Diamond 4600 Fountain Solution	265535	90183382	90829046	90831523

Physical Properties

- Conductivity: 540 mmho's per ounce (690 / 1 percent)
- pH: 3.8 – 4.2 properly diluted
- VOC's: 15.95%

application recommendation

Mixing Directions

Rycoline Green Diamond 4600 fountain solutions should be mixed at 3.2% – 3.9% (4 – 5 ounces per gallon) for non-continuous dampening systems. For continuous dampening systems, these solutions should be mixed at 3.9% – 4.7% (5 – 6 ounces per gallon).

Application Equipment

Rycoline Green Diamond 4600 fountain solution is designed specifically for continuous dampening systems.

Ink Suitability

Formulated for use with heatset and energy curable inks. Not recommended for coldset / news ink.

clean-up

See SDS for proper handling of spills and cleanup.

storage considerations

Rycoline Green Diamond 4600 fountain solution should not be allowed to freeze. Unopened, fountain solution has a one (1) year shelf-life from date of manufacture.

safety, health and environment

Rycoline Green Diamond 4600 fountain solution is to be used in accordance with normal standards of industrial hygiene and good manufacturing practice. Please refer to the Data Safety 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.

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7.2018

