

Sun Chemical Rycoline®

Green Diamond™ 251 Fountain Solution Technical Data Sheet

Rycoline Green Diamond 251 fountain solution is one part of a two-part sheetfed fountain solution combination. This fountain solution is to be used in conjunction with alcohol or Green Diamond alcohol replacement (AR).

typical characteristics and features

Rycoline Green Diamond 251 Fountain Solution is formulated to have the following properties:

- Fast start-up and restarts
- Optimal ink and water balance
- Excellent for conventional, hybrid & UV applications

technical information and ink handling

Fountain solution selection

Fountain Solution	EMG#	SAP Number 4 x 1 Gallon Case	SAP Number 5 Gallon Pails	SAP Number 55 Gallon Drums	SAP Number Tote
Rycoline Green Diamond 251 Fountain Solution	279302	90091815	90910044	90910045	90183458

Physical properties

- Conductivity: 580 mmho's per ounce (740 per 1 percent)
- pH: 3.8 – 4.2 properly diluted
- VOC's: 1.1 lb. / gallon (18%)
- HMIS: 1-0-0

directions

Mix 1.5% – 3.2% (2 – 4 ounces per gallon) of concentrate in water for desired results. Once diluted in water add IPA or alcohol replacement as needed.

application equipment

Rycoline Green Diamond 251 is for use on sheetfed applications.

ink suitability

Rycoline Green Diamond 251 Fountain Solution is for use in conventional, hybrid & UV applications.

clean - up

See MSDS for clean up of spills and personal precautions.

storage considerations

Do not freeze. Unopened, fountain solution has a one (1) year shelf-life from date of manufacture.

safety, health and environment

Rycoline Green Diamond 251 Fountain Solution is to be used in accordance with normal standards of industrial hygiene and good manufacturing practice. Please refer to the supplied Material Data Safety Sheet for specific information.

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

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Product Properties

Products	UV	Conventional	One Step	Two Step	Duplicator
Rycoline Green Diamond 251	•	•		•	
Rycoline Blue Chip™	•	•		•	
Rycoline Liberty®	•	•	•		
Rycoline Prime Duplicator Universal			•		•

This information has been compiled from experience gained in field conditions and detailed laboratory testing. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. Since we cannot anticipate or control the conditions under which our products are used it is not possible to guarantee their performance.

All sales are subject to our standard terms and conditions for sale. 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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