



Technical Data Sheet

# ECO-SET™ 4802 A

## Phenol Formaldehyde-Free Fast Setting Sheetfed Gel Vehicle

### IMPORTANT CHARACTERISTICS:

**ECO-SET™ 4802 A** is an eco-friendly fast setting high solids gel vehicle composed of ECO-REZ™ resin technology. The phenol formaldehyde-free and higher renewable content supports the increasing demand for cleaner and greener ink chemistry. The **ECO-SET 4802 A** provides moderate gel structure and hard drying properties.

In addition to a more sustainable chemistry the ECO-SET vehicles can provide significantly improved performance properties. By using lower polarity components ink water balance properties are exceptional. Sharper print at lower tacks and reduced tendency to mist make the **ECO-SET 4802 A** a good choice for commercial sheetfed ink product lines.

### APPLICATIONS:

- Commercial sheetfed inks
- Letterpress inks
- Packaging sheetfed inks
- Laser forms ink

### BENEFITS:

- Phenol formaldehyde-free
- High renewable content
- Excellent gloss
- Enhanced ink film hardness

### Typical Properties

Properties	Value	Test Method / Standard
Viscosity:	120	Rotational Rheometer (Pa.s) BAX-QC-132
G':	260	Oscillatory Rheometer BAX-QC-132
Tan Delta:	2.7	Oscillatory Rheometer BAX-QC-132
Inkometer Tack:	13	400 rpm, 1 min. @ 90°F Method PP-QC-101
% Non-Volatile:	96	Method PP-QC-105
% Renewable Content:	81 – 84 %	Calculated

Updated 2/10/2011 JGC

For more information, please contact your sales or technical representative.

® and ™ Licensed trademarks of Lawter, Inc.

### DISCLAIMER

The information provided herein was believed by Lawter, Inc. ("Lawter") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product, and to determine the suitability of the product for its intended use. All products supplied by Lawter are subject to Lawter's terms and conditions of sale. LAWTER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY LAWTER, except that the product shall conform to Lawter's specifications. Nothing contained herein constitutes an offer for the sale of any product.



® and ™ Licensed trademarks of Lawter, Inc.

**DISCLAIMER**

The information provided herein was believed by Lawter, Inc. ("Lawter") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product, and to determine the suitability of the product for its intended use. All products supplied by Lawter are subject to Lawter's terms and conditions of sale. LAWTER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY LAWTER, except that the product shall conform to Lawter's specifications. Nothing contained herein constitutes an offer for the sale of any product.