



Our Place In Paper



10 POINT ADVANTAGE

1. Broad Product Range Across Colorant Platforms.
2. Dedicated Color Laboratories.
3. Laboratory Scale Papermaking Capability to Verify Color & Strengths.
4. Expert Color Analysts & Technical Sales Staff.
5. Flexible Packaging Options.
6. Multiple Productions Sites for Supply Chain Redundancy.
7. Small to Large Scale Production Capabilities.
8. Fixing Agents, Optical Brighteners, Resins, Coatings, Repellents, Process & Commodity Chemicals.
9. Advanced Water Treatment Chemistries.
10. Broad Interindustry Experience Including Paper, Wood & Composites, Nonwovens & Cellulosic Fibers.



SORAMENT DYES

Sorament Pigment Dispersions have lower tinting power compared to water soluble dyes but have excellent resistance to chemicals, very good opacity and have good lightfastness.

Sorament Pigments need a fixing agent, like our SoraFix 2900, to maximize tinting strength and affinity. Sorament Pigments are commonly used to produce beautiful pastel colors or where fuller opaqueness is desired. Sorament Pigments typically come in dispersion form for ease of use but are available in powders as well. Often, these dispersions can also be utilized for paper coatings.



**We are continually expanding our portfolio! Contact us
to learn more!**

www.fsw.cc | 920-886-0444

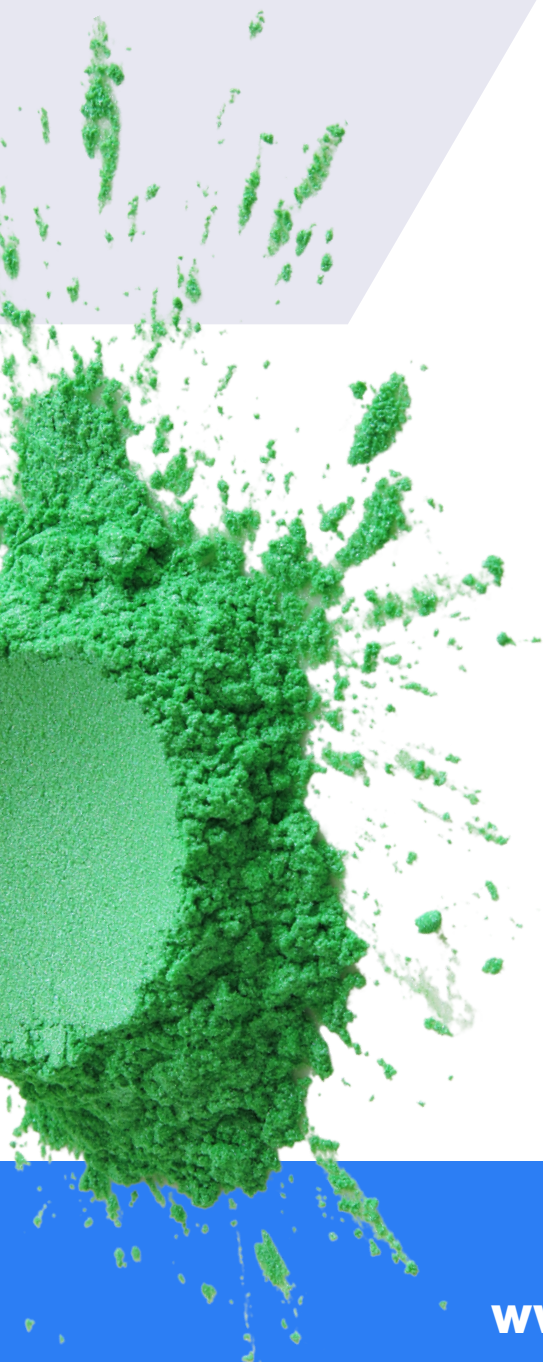


SORAZINE DYES

Sorazine Basic Dyes are known for their brilliant color value and excellent tinting strength, making them a recommended choice for pulp with high lignin content.

However, these dyes may have poor affinity for bleached fibers.

It is important to note that Sorazine Dyes are sensitive to water hardness and have poor lightfastness. Additionally, mixing them with other dye classes may prove to be difficult. It is often necessary to use acid to aid in the dissolving of Sorazine Dyes





SORAMINE DYES

Soramine Direct Dyes are widely recognized as a staple of the paper industry. These dyes can be used in both acidic or alkaline conditions, without requiring pH adjustment or fixing agents if needed. While they may have lower tinting power compared to our Soracid or Sorazine dyes, Soramine dyes offer several advantages, including excellent lightfastness, good heat resistance, fair bleachability, and good bleedfastness.



SORACID DYES

Soracid Acid dyes are completely soluble in most water sources regardless of water hardness. They create a smooth and uniform dyeing with very good brilliance. Soracid Dyes have very good light & heat fastness properties and can often be blended with other dye classes to strike a good balance of performance and color intensity.



