



CYPRIS

Printing and Application Specialist

Full Time Position

Cypris Materials, Inc.
Alameda, CA

Company Overview

Color production is trapped in a dirty chemical process. Little has changed on how the industry makes colors since Dorothy put on her brilliant red ruby slippers or DaVinci painted the Sistine chapel. The Colorant industry painstakingly produces one color at a time, leading to endless recipes for production, the use of dangerous contaminants, and one-off manufacturing processes.

Color is important - It is a critical medium for humans to express, communicate, and inspire. Every industry spends countless hours choosing the aesthetic associated with its brand, logo, and products. Brands benefit from true color innovation yet are burdened with financial and environmental risk from today's colorants. A clean platform approach to how colorants are made and managed can release an innovative rainbow.

Cypris Materials decouples color production from the messy chemistry setting colors free from limitation. The company was founded in Berkeley on 11 patents to commercialize a color platform that broadens the color gamut, reduces manufacturing hassle, simplifies formulation, and doesn't pollute the environment. We accomplish this feat without pigments, dyes, metals, or expensive engineering processes. Our team has developed a paintable biomimetic color platform, called structural color, which integrates bioderived materials, to enable color the world has never seen before. Cypris Materials' technology helps industry-leading companies redefine the capabilities of color to differentiate their brand and product.

Position Profile

Cypris is looking for a motivated **application specialist** who is driven by the opportunity to make a significant impact at the ground level of a small energetic team with an innovative technology. The successful candidate will be a curious and fast learner that can work efficiently and take initiative. They will have the ability to wear many hats and adapt to changing environments, making good, independent judgement calls and work well in a team to accomplish the highest priority goals.

The person will have a direct responsibility for strengthening the company's performance and profitability by:

- Developing and characterizing ink and paint formulations
- Leading the exploration, development, and implementation of structural color printing and application techniques
- Identifying novel ink materials targeting improvements to mechanical, application, and market specific properties of coating finish
- Designing robust standard operating procedures
- Interfacing with manufacturers and partners
- Organizing and prioritizing workflow to meet aggressive project milestones in coordination with external partners, customers, and funding agencies
- Mentoring junior employees

The individual will report directly to the CTO and ultimately own the workflow for optimizing the application of Cypris Materials' structural color and be responsible for translating improvements to external customers/partners.

Background and Experience

The ideal candidate will have a background in ink development and application and demonstrates the ability to address technical challenges and provide creative solutions. Key skills and previous experience:

- B.S. degree in chemistry, chemical engineering, materials science or equivalent experience
- + 7 years of industry experience in ink formulation and printing application-based development
- Experience in bringing novel ink technologies from idea, to proof-of-concept, to commercialization
- Familiarity with solvent, water, and UV-based ink formulations
- Experience with color theory and color matching
- Understanding of common paint and ink application techniques including, but not limited to: industrial inkjet printing, screen printing, air atomized spray deposition, and slot die coating.



- Excellent organization, communication, and project reporting skills

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