



Job Description: Sr. Chemist – UV Inks and Coatings

Reports to: R&D Director

Company Overview

Zeller+Gmelin Corporation is an international UV printing manufacturing company and leading competitor in the graphic arts industry. For more than 150 years the name Zeller+Gmelin has stood for the highest quality and customer orientated solutions.

Scope of Position

The *Sr. Chemist – UV Inks and Coatings* role is responsible for the development of liquid UV-cure inks and coatings and provides technical assistance to customers, manufacturing, and sales staff. Other responsibilities include technology innovation, product profitability improvement, along with mentoring less-experienced members of the R&D team. Must be able to work in a customer-centric, fast-paced, and cross-functional collaborative environment.

Duties and Responsibilities

- Develops new and modifies existing UV/LED-cure ink and coating formulas using appropriate experimental design to meet customer requirements for the printing market.
- Conducts ink and coatings-related tests and experiments in a laboratory environment using both standard and novel test procedures.
- Accurately interprets data and results, documents conclusions within project management database, and communicates conclusions and product direction to internal functional partners and external customers.
- Works closely with existing and new raw material suppliers to evaluate new and/or replacement materials for use in ink and coating product formulations.
- Provides scale-up and support for the ink product formulas with manufacturing and Quality Control including the establishment of testing requirements, specifications, and trouble-shooting assistance.
- Provides product and process recommendations as required based on requests for information from customers and other internal functions such as Sales.
- Provides technical information and product guidance in support of the creation of product Safety Data Sheets and Technical Data Sheets.
- Supports business revenue growth through product innovation which includes literature surveys, industry partner engagement, customer engagement, and experimentation in the lab. Some occasional travel will be required.
- Prepares prints of inks and coatings or other marketing-related exhibits for internal and customer use.
- Aligns laboratory and product formulation support activities within the framework of the ISO-9001 Quality Management System.
- Provides mentoring and direction to less-experienced R&D and Regulatory staff members.
- Leads cross-functional project teams related to product changes, product development, and/or process modification.



- Monitors, assigns, and takes action on incoming technical project requests within eChempax, email, and/or other communication routes.
- Creates new and directs existing R&D projects based on business priorities for the market segment supported. Provides direction on project experimental design to other members of the R&D segment team.

Requirements

- BS degree in Chemistry, or related science, or equivalent experience.
- 5+ years experience in UV-cure ink, UV-cure coatings, and/or other liquid coating chemistry and formulation.
- Experience formulating lithographic offset UV-cure paste ink is a strong plus.
- Excellent verbal and written communication skills to convey technical data, conclusions, and product recommendations.
- Ability to travel to customer and/or industry partner locations 5-10% of the time.
- Self-starter. Able to meet goals, objectives, and deadlines in a fast-paced and customer-centric environment.
- Strong math, time-management, problem-solving, and project management skills.
- Proficient with MS Office.