KING INDUSTRIES
JOB DESCRIPTION
Senior Research Chemist

Location- Norwalk, CT
King Industries, Inc. is actively seeking to hire a Senior Research Chemist within our Coatings Additive Division. Ideal candidates should have a Ph.D. in Chemistry along with 10 years of experience in the coatings industry. Responsibilities will include, researching, planning, and running experiments towards identified Coating New Product Developments, working with the marketing/sales team to develop concepts for new products, interacting with production engineers to scale up the new products, among other responsibilities.

1. **Skills Required:**
   - Must have a strong background in organic synthesis.
   - Must be able to work independently
   - Must possess strong organizational skills and be able to manage multiple projects simultaneously.
   - **Must be able to effectively communicate, and interact with process development and production engineers, customers, technical service, and sales & marketing.**
   - Must be a self-starter, driven by an internal desire to succeed with a strong sense of urgency.
   - **Must be an effective leader, able to drive projects from conception to commercialization.**
   - Must have excellent written and verbal communication skills.
   - **Must be creative and resourceful.**
   - Must be capable of becoming a recognized expert in a chosen technical field of research.
   - **Must be able to carry out projects from conception to pilot plant production stage.**
   - Knowledge of various online chemical literature and patent database software and search techniques highly desirable. Strong literature searching skills.
   - Must be able to research new projects by accessing the current technical literature and develop and write new project proposals.
   - Must be able to publish original research in leading scientific journals, and to present such information at technical conferences and American Chemical Society National Meetings.

2. **Education and Experience Requirements:**
   - Ph.D. in Organic or Polymer Chemistry.
   - Required experience with coating additives for industrial coatings.
   - Knowledge of the current state of the art resin technologies.
   - Familiarity with current Windows-based software for spreadsheet manipulation, data handling and graphics composition.
3. **Duties and Responsibilities:**
   - Responsible for researching, planning, and running experiments towards identified Coating New Product Developments.
   - Work with Marketing/Sales to develop concepts for new products.
   - Conduct literature and patent searches
   - Write product briefs
   - Write patent disclosures on documented novel research findings and oversee all necessary communications/written responses to patent attorneys during the prosecution and allowance of patent applications.
   - Work with current and potential customers to assess market and technical requirements for new products in specific applications.
   - Write reports documenting progress of assigned research projects as needed.
   - Give presentations to customers to promote King Industries technology and products as requested.
   - Give periodic presentations to upper management on the progress of assigned research projects.
   - Prepare product development plans with specific approaches to meet objectives.
   - Understand possible global regulatory compliance issues with targets and, where feasible, design targets that may be compliant with global inventories.
   - Develop and implement detailed research plans for each coating additive research project.
   - Conduct research leading to new products; with limited supervision.
   - Perform laboratory synthetic reactions and spectroscopic identification of materials.
   - Work with technical service to conduct preliminary applications and performance testing in order to establish initial product performance in industry recognized systems and test methods.
   - Prepare manufacturing process description/transmittals for new products. Interface and assist Pilot plant engineers /production engineers in the scale-up process of new products.
   - Monitor the pilot plant production of new products.
   - Interact with marketing and technical service personnel to promote new products.
   - Write technical reports, new product literature (technical data sheets, coating formulations), record of invention and publications.
   - Provide technical assistance to customers.
   - Maintain knowledge of new coatings raw material development regarding new technologies, customer’s needs, technology trend and competitive products.
   - Provide technical presentations at professional meetings.
   - Present summaries of research progress at internal meetings (R&D, sales, marketing).
   - Write patent invention reports on documented novel research findings.
   - Prepare and give technical presentations to customers and at professional society conferences, as needed.
   - Advance the technical reputation of the company through the writing and submission of research papers to technical journals.
   - Provide technical assistance to other departments (sales, tech service, and manufacturing) as required.
   - Assist in regulatory compliance process for new coating additive products.
   - Participate in company wide effort to promote quality assurance in compliance with ISO 9001-2015.

To apply, please submit your cover letter and resume to vcrichardson@kingindustries.com