



Senior Research Materials Chemist Summary

Michelman is a global developer of water-based barrier and functional coatings for flexible film packaging, paperboard and corrugated cartons; and water-based surface modifiers, additives and polymers for numerous industries including wood care, industrial coatings, inks, fibers, composites and construction products. Michelman services its multinational and regional customers with production facilities in the United States, Europe and Singapore, and a worldwide network of highly trained field technical support personnel.

Currently, we have a great opportunity available for a **Senior Research Materials Chemist** to join our New Technology team. This position will be located in our Blue Ash, Ohio Corporate Global Headquarters.

This position is responsible for conducting the research efforts around materials that are atypical to Michelman but have potential to help Michelman's customers to grow and win. Such materials will typically involve resins, waxes, polymers and the emulsification thereof and will be of benefit to more than one business unit.

Creativity, innovation and idea generation that lead to product commercialization are keystones needed for this position. This position will be expected to embrace open innovation practices, meet with customers to determine their unmet needs and with raw material suppliers and other partners who may be able to provide nontraditional solutions that can be leveraged at Michelman.

This position requires good interactive people skills. The success of this position will be measured by the creation of products for our customers. The work can be variable in its nature and this position requires a high degree of flexibility, urgency, openness to suggestions, and an eagerness to learn. Finally, this position may also require some travel of a global nature.

The responsibilities of this position will include:

- Evaluate other chemistries for fit to present and future unmet market needs as identified by the business units
- Work with the Ventures group as required in support of its efforts
- Visit with suppliers, academic institutions, research centers, and customers on a global basis to identify new chemistries and be able to link these back to unmet needs
- Perform research on the bench as needed to support efforts undertaken
- Employ open innovation tools and practices in the course of work performed
- Be knowledgeable in the chemistry and testing protocols used for each business unit
- Attend project review meetings held by each business unit
- Be a mentor to others within the department

The preferred candidate will have:

- Bachelors of science in chemistry with 5 years of applicable experience
- Demonstrated proficiency in designing experiments, coordinating trials, and documenting results
- Strong project management skills and training
- Experience with funded projects a plus
- Detailed knowledge of polymer, wax, resin and surfactant chemistry
- Able to use and interpret data from laboratory testing equipment such as, e.g., DSC, TGA, Rheometer, FTIR, and Melt Flow tester
- Ability to generate professional presentations using PowerPoint or other appropriate software
- Ability to write professional articles for public dissemination and to discuss theory and practice in a manner commensurate with the audience
- Ability to make professional presentations to customers, suppliers, academic institutions and trade groups
- Familiar with the concepts and tools used in open innovation
- Demonstrated use of creativity leading to innovative solutions that result in product sales
- Familiar with global regulations around product development such as inventory and food contact
- Flexible and able to change direction or focus on short notice without difficulty
- Strong ability to identify problems, root cause and preventative measures
- Able to work hands on, gather data or work on batches on the bench or pilot plants as needed
- Proficient in standard business office software
- Proven ability to think independently and handle multiple projects to completion
- Ability to write government grant proposals as pertinent and to act as primary investigator on such grants

Michelman is proud of its unique work environment that we have. We pride ourselves in our commitment to our values of integrity, respect and success. Selected candidate will have a rigorous onboarding experience with a continued commitment to technical and professional development. We offer an excellent salary, incentive and benefits package in a progressive, empowered team environment.

To apply

Resume and cover letter with salary history and requirements can be e-mailed to:

Ken Wigton
HR Manager
careers@michem.com

No relocation will be provided – no phone calls please. Michelman does not hire individuals who use tobacco products. All candidates will receive a drug test prior to beginning employment which will include a test for tobacco products.

Michelman is an Equal Opportunity Employer M/F/D/V