

Composites Research & Development Chemist at Start-up Advanced Materials Company

Aeroclay, Inc is an advanced materials startup company located in Solon, Ohio dedicated to creating innovative, high-performance materials based on a platform technology. AeroClay® composites are formulated using eco-friendly water-based chemistry that incorporates clay and polymer blends. The Composite Research & Development Chemist position is a full-time, salaried position with benefits.

Please email your resume and salary requirements to jobs@aeroclayinc.com

Characteristics of the successful candidate:

Required

- B.S. or M.S. in Chemistry or related field (or equivalent industrial experience)
- Willingness to learn
- Responsible and prompt
- Strong listening skills
- Ability to follow through and meet deadlines
- Curiosity and patience
- Capable of lifting up to 50 lbs. on a semi-regular basis
- Experienced in Microsoft Office (Excel, Word and PowerPoint)
- Good communication skills

Preferred

- At least 2 years of industrial experience in research, polymer science, and/or advanced materials science
- Creative thinker
- Willingness to suggest alternative methods for completing tasks

Responsibilities:

- Develop formulations and prepare solutions and composites for experiments and prototypes based on customer requirements
- Interact with customers'/suppliers' technical teams
- Oversee/perform laboratory tests on samples using specific methodology (mechanical testing, freeze dryers, thermal conductivity tester and analyzing the data from them)
- Operate in the chemistry lab in a safe, efficient and accurate manner
- Perform necessary mathematical calculations
- Help to maintain cleanliness and order in the laboratory
- Regularly update and maintain proper documentation of laboratory activities and instrument logs, laboratory notebooks, and other print and electronic media
- Assist in the writing and filing of intellectual property documents (patent disclosures, patent claims, trade secrets, etc.)
- Provide weekly input and updates to the management team

This position will report to the Director of Technology