

# StanChem

## polymers

<b>Job Title:</b>	Senior Chemist - Emulsion Polymers
<b>Department/Group:</b>	R&D
<b>Location:</b>	StanChem Polymers, East Berlin, Connecticut
<b>Reports To:</b>	R&D Manager

### Summary Description:

#### Position Summary:

- Responsible for developing new proprietary emulsion polymers (acrylic, styrene/acrylic, and vinyl acetate / acrylic) for coatings and adhesive (CASE) applications.
- The position is a member of StanChem Polymer's R&D emulsion polymer synthesis team
- Position will work with Technical Service to support development of starting point formulations /technical data for CASE industry customers.
- This is a "hands-on" position responsible to develop emulsion polymers in the R&D laboratory.
- Will participate as required in the weekly meeting of the StanChem Emulsion Polymers business team.

#### Responsibilities:

- Develop proprietary emulsion polymers for coatings and adhesive applications.
- Work directly with Technical Director to improve existing emulsion polymer line and provide workable solutions to customer's requirements.
- Ability to work in a Stage /Gate process and to keep several projects moving through the Stage /Gate process.
- DOE (Design of Experiments) for next generation emulsions (i.e., acrylics, styrene/acrylics, vinyl acrylics) for Adhesive & Sealants, Architectural, Building Products, Industrial, Non-Wovens & Textiles and Specialty market segments.
- Be familiar with standard testing and formulation procedures for emulsion polymers in these market areas.
- Effective working relationships with Manufacturing to bring new emulsion polymers from pilot scale to production.
- Effective communication skills to interact with customers and technical service.
- Visit customers as required to give advice regarding formulation and application parameters and performance features for new emulsion polymers.
- Support Stage /Gate process for cross functional technical information sharing.
- Work with Technical Service to develop Technical Data Sheets for new proprietary emulsion polymer grades including starting point formulations.

#### Skills/Qualifications:

- Self-motivated chemist with strong analytical, planning and communication with a "safety first" mentality.
- College Degree – Chemistry or equivalent.
- 5-10 years of experience with emulsion polymerization techniques required.
- Expertise with testing and formulation of emulsion polymers for coatings and adhesive applications desired.
- Computer skills – Excel, PowerPoint.
- Design of Experiments (DOE) software.