

## SENIOR RESEARCH CHEMIST #9226BR

Air Products and Chemicals, Inc. (NYSE:APD), a Fortune 500 manufacturer of industrial gases and chemicals, is seeking an experienced Senior Research Chemist for its Carlsbad, CA facility. We are seeking a research professional in Synthetic Organosilicon Chemistry with a Ph. D. degree, postdoctoral experience an asset, and at least 5-10 years of work experience on synthesis of silicon-containing organic compounds. The candidate will need to have a strong familiarity with reaction mechanisms involving silicon chemistry, depth of understanding of structure-property relationships, and demonstrated inventiveness through peer-reviewed publications and patents. The position requires good hands-on synthesis skills as the role requires the majority of time performing laboratory work. Familiarity with techniques of handling air and moisture sensitive compounds is a must. Additional strong assets include spectroscopic and chromatographic methods for characterization of molecules, strong technical understanding of new product development and product scale-up, and demonstrated leadership ability.

In this role the candidate will be working closely with an integrated team of researchers with various technical skills in a laboratory environment in the discovery and development of new organosilicon molecules for the microelectronics industry. The role requires collaboration with internal and external technical personnel for the development of novel molecules for various applications using organosilicon molecules. A demonstrated experience in successful team environments is a significant asset.

### QUALIFICATIONS/REQUIREMENTS:

- Ph. D. degree
- 5-10 years of work experience on synthesis of silicon-containing organic compounds
- Strong technical understanding of organosilicon synthesis chemistry
- Experience in new product discovery and development
- Excellent interpersonal skills to enable an environment of strong teamwork
- Strong verbal and written communications skills
- Demonstrated leadership through strong technical skills and teamwork skills
- Self-motivated and ambitious in the support of high value new products of commercial relevance
- Demonstrated creativity and strong problem solving skills
- Excellent attention to good environmental, health, and safety practices is critical

Air Products (NYSE:APD) provides atmospheric, process and specialty gases; performance materials; equipment; and technology. For over 70 years, the company has enabled customers to become more productive, energy efficient and sustainable. More than 20,000 employees in over 50 countries supply innovative solutions to the energy, environment and emerging markets. These include semiconductor materials, refinery hydrogen, coal gasification, natural gas liquefaction, and advanced coatings and adhesives. In fiscal 2011, Air Products had sales of approximately \$10 billion. For more information, visit [www.airproducts.com](http://www.airproducts.com).

Air Products offers a comprehensive benefits package including paid holidays/vacation, affordable medical, dental, life insurance, and retirement plans.

To apply for this position, please visit the Air Products Career Center at [www.airproducts.com/careers](http://www.airproducts.com/careers). Click on the link – Search job openings from the left navigation bar. You can apply specifically to Job Req #9226BR.

If you are a current Air Products employee, please apply via APOnline by clicking on Online Applications, then selecting Career Center.

We thank all applicants in advance for their interest; however, only those applicants who are being considered for an interview, or are currently employed by Air Products, will be contacted.

Air Products is an equal opportunity employer (M/F/D/V) where diversity matters.