

Material Science Engineer

Creating the healable composites of tomorrow

Position: Material science engineer
Employment: 100%
Location: CompPair Technologies SA, Renens, Switzerland
Starting Date: 01.07.2023

Overview:

CompPair Technologies Ltd. is a Swiss company providing healable and sustainable composite solutions to improve circularity. Inspired by nature, CompPair brings an intrinsic healing capability to composites. The company provides a range of glass and carbon preimpregnated textiles, to produce composite structures that can heal matrix damage on site in 1 minute only; improving operational efficiency, reducing repair time, and extending the lifetime of products. The company is also working on the development of new product families, to further extend the application potential of this technology to other composite markets, including other manufacturing processes.

The current products are prepregs, used with out-of-autoclave, autoclave, and press processes. The present employment aims at contributing to bring new polymer chemistries to further extend the technology to new manufacturing processes, namely RTM and RTR, by developing new products. Those products will answer to precise specifications given by the processes and end applications.

Tasks and Responsibilities:

- Development of new product families
- Composites engineering
- General R&D activities

Competences and personal skills:

- M.Sc.in material science with a strong emphasis on composites
- 2 years of experience working on composites
- Deep knowledge of composites, their properties, mechanics, and processing
- Polymeric materials, rheology, and thermodynamics background
- Structured work with the ability to contribute to many projects in parallel
- Curious and willing to learn
- Autonomous, creative, and openminded
- Organized, structured, committed, flexible and meets deadlines
- High communication skills orally and in writing in French and/or English
- Strong teamwork skills
- Eager to tackle challenges
- Willingness to take on future responsibilities

We are offering a great opportunity to join and support a Swiss high-tech company from its early stage to an international level. The new team member will have innovative and varied work, in a dynamic and flexible company with a multidisciplinary work environment.

You think you have the right profile, and you want to join us on this impactful journey? [Apply here](#) or visit www.comppair.ch/careers/ for more information.