

Biographical sketch

James Hoge
Senior Formulations Chemist
Huntsman Advanced Materials
Composites Group

James Hoge is a senior formulations chemist with the Huntsman Advanced Materials Group located at the Huntsman Advanced Technology Center in The Woodlands Texas. The Advanced Materials Group worldwide develops, manufactures, and sells specialty base and formulated systems to a wide array of customers and applications in the composites area. In particular, with regards to this paper, novel new benzoxazine chemistries are being developed for flame retardant aircraft interior applications.

Mr. Hoge has primarily been working on toughening and flame retardant aspects in the aerospace prepreg, infusion, and RTM composite processing areas for several years. Work has been done primarily in the epoxy, BMI, and benzoxazine chemistry areas.

Mr. Hoge is a member of SAMPE and has given several papers over the last twenty years at various composites conferences. His last was given at the SAMPE Cincinnati symposium October 2007 entitled "Formulating Challenges in Epoxy Based Infusion Systems for Aerospace Applications".

Mr. Hoge has been with Huntsman or Huntsman predecessor companies for 27 years. He was a tooling formulations chemist for the first 20 years with Ciba-Geigy, Ciba Specialty Chemicals, and then Vantico in the East Lansing Michigan R&D site. He developed the entire line of epoxy tooling infusion systems and several other commercial tooling products through the years. A patent was issued in regards to the commercial one-part, room temperature stable infusion system RenInfusion 8610. He has a B.S. in Chemistry from Michigan State University.