

Use of Reactive Surfactants in Emulsion and Dispersion Polymerization

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Summary

Use of reactive surfactants in the synthesis of polymer colloids is expected to give important advantages in terms of the stability of these colloids, environmental effects in the processes, and also improvements of properties of the materials produced.

Three classes of reactive surfactants are involved, depending on the reaction concerned in the radical process: INISURFS, SURFMERS TRANSURFS. The behaviour of these kinds of surfactants will be discussed with examples coming from the author's laboratory or from laboratories associated with him in a European Network specially devoted to the subject.

Conclusion remarks will be made about the future of the field.