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Title: Curing kinetics study of benzoxazine using diaryliodonium salts as thermal initiators

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Highlights

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- Detailed thermal curing kinetics of benzoxazine/ArI_x was first studied.
- Initial and peak curing temperature (T_i and T_p) of benzoxazine significantly decreased with the addition of ArI_x.
- Benzoxazine /ArI_x system exhibits an activation energy E and frequency factor A slightly higher than those of benzoxazine
- Cure reaction benzoxazine /ArI_x system could be successfully described with the autocatalytic model.

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