



## Formamide Monomers And Polymers Synthesized Therefrom

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### The Invention

Formamide group-containing monomers and polymers made by polymerizing the monomers are provided. Also provided are methods of polymerizing the monomers and methods of synthesizing functionalized polymers by pre- and/or post-polymerization functionalization. The monomers are non-toxic and can generate highly reactive isocyanate and isonitrile precursors in a one-pot synthesis that enables the incorporation of complex functionalities into the side-chain of the polymers that are synthesized from the monomers.

### Additional Information

#### For More Information About the Inventors

- [Padma Gopalan](#)

#### Tech Fields

- [Materials & Chemicals : Polymers](#)

For current licensing status, please contact Jeanine Burmania at [jeanine@warf.org](mailto:jeanine@warf.org) or 608-960-9846