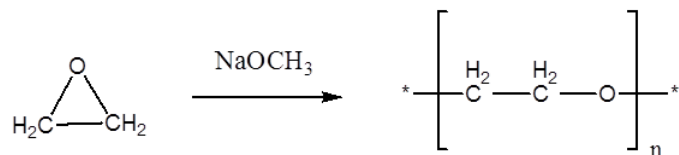


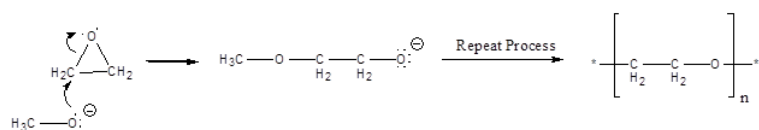
## 24.3: Anionic Polymerization of Epoxides

Another type of anionic polymerization involves an epoxide and forms a polyether. The strained three-membered epoxide ring is easily opened by nucleophiles, typically a hydroxide or an alkoxy group. Note! This polymerization is different to the other chain-growth polymerizations discussed because the process forms a C-O bond in the polymer chain.

### Reaction



### Mechanism



### Contributors

- Prof. Steven Farmer ([Sonoma State University](#))

24.3: Anionic Polymerization of Epoxides is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by LibreTexts.