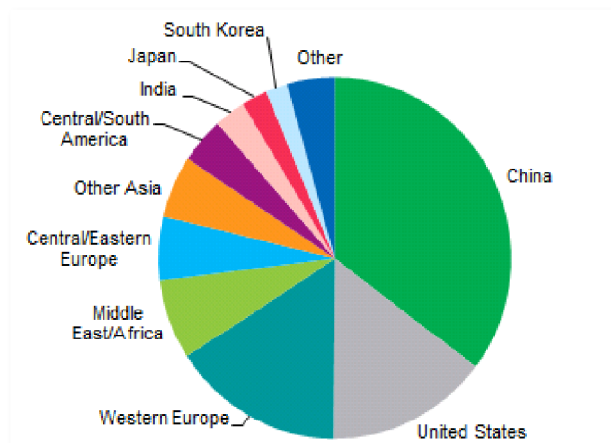


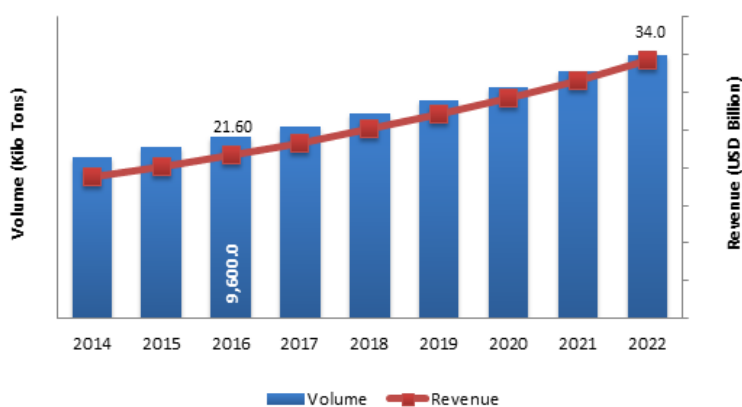
DMC Catalyzed Polyether Polyols

1. Polyether polyols are made by ring opening polymerization (ROP) of epoxides with compounds having active hydrogen atom such as ethylene glycol in presence of catalyst.
2. An active double metal cyanide (DMC) catalyst such as zinc hexacyanoferrate or zinc hexacyanocobaltate is chosen for ROP of epoxides to produce various molecular weight ranges polyether polyols.
3. DMC catalysts are very well known catalyst to produce polyether polyols with low level of unsaturation as well as narrow molecular weight distribution polyether polyols as compared with conventional KOH catalysts.

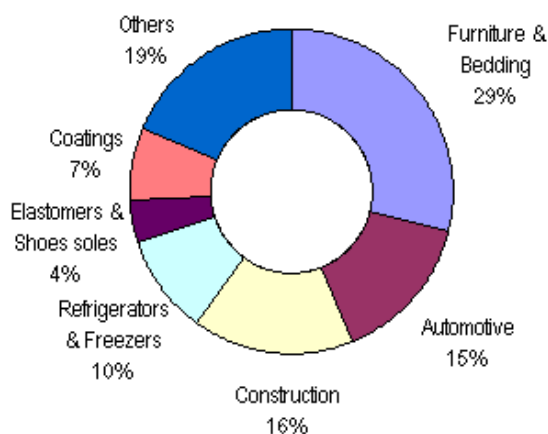
World Consumption of Polyether Polyols-2017



Global Polyols Market, 2014-2022 (Kilo Tons) (USD Billion)



Application: Polyether Polyols



FTIR and ¹H NMR Spectroscopy study: DMC catalyzed Polyether polyols

