



Prepolymer

MPN-023

MPN-023 is a polyether based MDI prepolymer used in a variety of exclusive specialty formulations by Northstar Polymers and may be used as many other custom urethane formulations. MPN-023 is low viscosity liquid at room temperature, and it is a good candidate for a component material of room-temperature-cure polyurethane elastomer systems. Its prepolymer extension with shorter polyol chain allows formulators to compound elastomer and foam polyurethane within a firmer/harder flexibility range. The functionality of MDI content is 2.15, and this allows formulators to compound fast-curing elastomer formulations. Some of the common applications for MPN-023 include component materials for electronic component potting, prototyping, and mold making compounds.

Typical Physical Properties

Specific Gravity:	1.1731
Viscosity 77 °F (cps):	1200
% NCO:	18.6
Amine Equivalents:	226
Appearance at 77 °F:	Pale Yellow Liquid
Storage Temperature:	72 °F to 86 °F

Health and Safety Information

We prepare Safety Data Sheets and Product Labels that provide health and safety information intended to aid in the safe use of this prepolymer. Before using or handling this product each person must read and become familiar with the safety/handling information as well as processing information. For more information, contact your Northstar Polymers representative or call our corporate headquarters in Minneapolis MN.

Notice: All of the statements, recommendations, suggestions, and data concerning the subject material are based on our laboratory results, and although we believe the same to be reliable, we expressly do not represent, warrant, or guarantee the accuracy, completeness, or reliability of same, or the material or the results to be obtained from the use thereof, neither do we warrant that any such use, either alone or in combination with other materials, shall be free of the rightful claim of any third party by way of INFRINGEMENT or the like, and NORTHSTAR POLYMERS DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE.

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