

# SPUR+™ 1020 Prepolymer

## Product Description

SPUR+ 1020 prepolymer is a silylated polyurethane resin which can be used in manufacturing one-part, moisture-curing sealants and adhesives. Plasticizer-free and of relatively low viscosity, it is an excellent candidate as a base resin for low modulus sealants in building and construction applications where elastic recovery is required. Its clear appearance and excellent color stability can typically allow formulators to create optically clear sealant products.

## Key Features and Typical Benefits

- Low yellowing and long-term color stability
- Broad formulation latitude
- Easy application characteristics
- Excellent adhesion to many surfaces without primer
- High durability indoors and outdoors
- Good water and chemical resistance
- High elastic recovery

## Typical Physical Properties

Appearance	Clear, colorless, viscous liquid
Viscosity cP at 23 °C	~50,000
Shelf Life	12 months
Tensile Strength (psi)	~75
Elongation (%)	~200
100% Modulus (psi)	~50
Hardness (Shore A)	~21

Typical properties are average data and are not to be used as or to develop specifications.

## Potential Applications

- Building and construction sealants

## Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

## Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at [www.momentive.com](http://www.momentive.com) or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

## Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

## Customer Service Centers

For additional information, please contact our Customer Service Team

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