

# CARPOL<sup>®</sup> GP-4520

REACTIVE TRIOL

## Polyether Polyol

CARPOL<sup>®</sup> GP-4520 is a glycerine initiated polyether polyol. The resulting material has a functionality of three and an average molecular weight of 4500. This triol is polymerized with propylene oxide and then capped with 20% ethylene oxide. Main applications include C.A.S.E., however, Carpol<sup>®</sup> GP-4520 may also be included as a component in other urethane products and formulations.

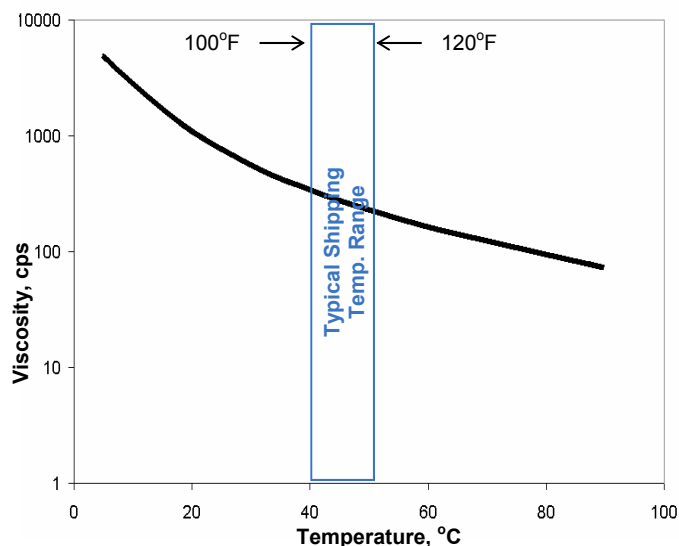
### Typical End Use Applications

- Coatings
- Sealants
- Potting Compounds
- Adhesives
- Elastomers

### Typical Analytical Properties

Hydroxyl Number, mg KOH /g	36
pH, 10 parts IPA: 6 parts H <sub>2</sub> O	7.0
Moisture, % maximum	0.04
Color, APHA maximum	35
Appearance	Free & Clear
Viscosity @ 25°C, cps	890
Density @25°C, lbs / gal	8.59

### Viscosity Profile



### Viscosity Information

77°F	100°F	120°F
890 cps	410 cps	270 cps

Please note that these values are not specifications

## Storage Information

Carpol<sup>®</sup> GP-4520 will absorb water if the product container is not secured properly. This may affect reactivity, appearance, and performance. Therefore, it is advised that all receptacles containing this material be tightly fastened and stored in a dry place.

Consult the Material Safety Data Sheet for addition information.

## Health and Safety Information

Health and safety information is available in the form of a Material Safety Data Sheet. This literature, describing proper precautions and personal protective gear, is available for review. To receive this information please contact a Carpenter Co. representative.

## Ordering and Shipping Options

Carpol<sup>®</sup> GP-4520 can be acidified to a pH of 5.5-6.5 upon request. This material is denoted Carpol<sup>®</sup> GP-4520-60.

<u>Sample Sizes</u>	<u>Products Packaged/Shipped</u>
1 quart	Drum 460 lb. net wt.
1 gallon	Totebin 2,300 lb. net wt.
5 gallon	Tankwagon 40,000-45,000 lb. net wt.
	Railcar 185,000-189,000 lb. net wt.

For additional information please contact:

Carpenter Co.  
Chemicals Division  
**Customer Service 800-260-5373**  
5016 Monument Avenue  
Richmond VA 23230

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**Important:** The information contained in this product data sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. Carpenter, however, makes no representation as to the completeness or accuracy. Carpenter makes no warranty, express or implied, with respect to the data contained herein. Carpenter cannot anticipate all conditions under which this data and the product may be used. The conditions of handling, storage, use and disposal of the product are beyond Carpenter's control. Thus we expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information contained herein. You are advised to make your own determination as to safety, suitability and appropriate manner of handling, storage, use and disposal. For further information please consult the appropriate Carpenter Material Safety Data Sheet. **Warning:** These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.