

## *Poly-G*<sup>®</sup> 71-530 Polyol for Rigid Urethane Froth Foams

*Poly-G*<sup>®</sup>\* 71-530 polyol is a stable, non-volatile, amber colored, non-corrosive liquid of high flash point<sup>1</sup> and low pour point. It exhibits good compatibility with blowing agents and has been used with success as the base polyol for frothing rigid urethane foam.

When compared with some competitive or neutral polyols, *Poly-G* 71-530 polyol's inherently active nature can provide savings of up to 50 percent on foaming catalyst while its moderate viscosity provides ease of processing. Shipping specifications and typical physical properties for *Poly-G* 71-530 polyol are given in Table 1.

Froth foams derived from *Poly-G* 71-530/polymeric isocyanate formulations exhibit very desirable physical properties.

**Table 1**  
**Typical Physical Properties**

Typical Physical Properties	
Hydroxyl No. (mgKOH/g)	530
Water (% by weight), max	0.08
Color (Gardner), max	12
pH in 10/6 Isopropanol/Water	11
Viscosity @ 25°C (cps)	12,000
Specific Gravity @ 25°C/25°C	1.10
Flash Point <sup>1</sup> (°C)	225
(°F)	437
Pounds per Gallon @ 25°C	9.17

<sup>1</sup>The flammability properties of this material, or any other material, are not intended to reflect the fire hazards presented by any resultant cellular or foamed plastic product.

### Storage and Handling

Because they are organic compounds, polyurethanes and related materials are combustible and can create a fire hazard. The degree of hazard may range from very low to extremely high and depends on any one or a combination of many factors and variables.

Recognition and avoidance of factors that can create a high degree of hazard is essential if polyurethanes are to be used safely.

Since *Poly-G* 71-530 polyol is essentially non-corrosive, steel or black iron may be considered satisfactory materials of construction for storage tanks. Due to its hygroscopic nature, dry nitrogen or low dew point air may be used for tank padding.

### Shipping Information

*Poly-G* 71-530 polyol is available in the following containers: tank cars, tank trucks and non-returnable 55- gallon (450 lb. net) unlined steel drums.

## For More Information

### Technical Service

Technical service is available to facilitate further use of Monument Chemical products. If you have a specific question or need further information, please write or call Monument Chemical, Customer Service, 2450 Olin Road, Brandenburg, KY 40108; (800) 636-3786, or fax: (270) 422-6456.

Or visit our web site at: [www.monumentchemical.com](http://www.monumentchemical.com)

### How To Order

To place orders for delivery in the U.S. or Canada and to get fast answers on order status or product availabilities, call our toll-free number: (800) 636-3786.

For written inquiries about orders, and to place confirmations, send to Monument Chemical, Customer Service, 2450 Olin Road, Brandenburg, KY 40108.

Please refer to the Material Safety Data Sheet (MSDS) for complete information on Storage and Handling, Toxicological Properties, Personal Protection, First Aid, Spill and Leak Procedures, and Waste Disposal. To order an MSDS, call Monument Chemical at (800) 636-3786. Before using or handling this product, the MSDS should be thoroughly reviewed.

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