

Poly-G[®] 74-444

Poly-G[®]* 74-444 polyol is a neutral, sucrose-based polyol designed for rigid foam applications. Its low hydroxyl value and low viscosity make it ideal for high density, molded foams. Because it is a neutral polyol, *Poly-G* 74-444 polyol can also be blended with autocatalytic polyols to vary the reactivity for various other applications. Typical physical properties are presented in Table 1.

Table 1
Typical Physical Properties

Hydroxyl No. (mgKOH/g)	440
Acid No. (mgKOH/g)	0.2
Water (% by weight), max	0.03
pH in 10/6 Isopropanol/Water	7
Color, Gardner, max.	12
Viscosity @ 25°C (cps)	5,000
Flash Point ¹ , COC (°C)	243
(°F)	470
Specific Gravity @ 25°C	1.106

Storage and Handling

Poly-G 74-444 polyol presents no unusual problems for ordinary handling and storage. Consideration must be given to some of the properties when high product purity must be maintained.

Poly-G 74-444 polyol is hygroscopic. While water content at the time of shipment is extremely low, the product can absorb atmospheric moisture in amounts up to several percent of its weight.

Thus, storage should be in drums or bulk tanks under a blanket of dry nitrogen or -40°F dew point dry air. Calcium chloride or silica gel drying systems should be installed on all vents to prevent atmospheric moisture from entering the tank. Refer to Monument Chemical Data Sheet "Storage and Handling of *Poly-G* Polyols" for recommendations for materials of construction and heating systems.

¹The 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.

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

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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