



Pluracol® PEP 450

Specialty Polyols

Pluracol PEP 450 tetrol has been developed specifically for use in polyurethane foams, elastomers and coatings. Pluracol PEP 450 is characterized by four secondary hydroxyl groups. This tetrol may be used as a crosslinking agent in polyurethane foam, elastomer and coating formulations. For its hydroxyl number, this product is extremely low in viscosity. Foam formulations using this polyol are easily blended and handled, especially in water-blown foam systems.

T TYPICAL PROPERTIES

Appearance	clear liquid
Hydroxyl number, mg KOH/g	540-570
Water wt.% maximum	0.05
Acid number, maximum	0.015-0.060
Na & K, ppm maximum	15
Color, APHA maximum	70
Nominal functionality	4
Nominal molecular weight	400
Density, lbs/gal @ 68°F	8.99
86°F	8.94
104°F	8.89
Viscosity, cps @ 68°F	5200
86°F	1960
104°F	800
Specific heat, BUT/lb °F	0.5
Thermal conductivity, BTU/hr ft² °F/in	0.087

Storage

Pluracol PEP 450 should be stored under dry conditions below 130°F.

Shipping information

20,000-gallon tank cars, 6,000-gallon tank trucks and 55-gallon nonreturnable steel drums are standard.

In case of chemical emergency:

Call CHEMTREC 800-424-9300 or BASF (800-832-HELP) day or night for assistance and information concerning spilled material, fire, exposure and other chemical accidents. Outside the U.S., call (703) 527-3887.

Warning

These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.

Attention:

This product is sold solely for use by industrial institutions. Refer to our Material Safety Data Sheet (MSDS) regarding regulatory compliance, safety, hazards, spill procedures and disposal of this product. An MSDS as well as additional information on BASF urethane chemicals may be obtained by telephoning BASF Corporation, Urethane Customer Service at (877) 297-3322 or faxing (734) 324-6866.

Important:

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.

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