

## K-POL® 8211 Specialty Diol



K-POL 8211 is a general-purpose diol recommended for 2K PU coatings and elastomers. It provides chemical and stain resistant, scratch resistances and hard films with good flexibility.

**APPLICATIONS:** General industrial

Industrial maintenance

Floor coatings (residential, commercial)

Wood coatings

Automotive OEM/refinish Urethane elastomers

**ADVANTAGES:** 100% active, aliphatic diol

Chemical and stain resistance

Scratch resistance

Hard films with improved flexibility

Good exterior durability

Lower VOC

TYPICAL Appearance Clear, Light Liquid

PROPERTIES: % Active 100 Viscosity, cPs, 25° C 7,200

Hydroxyl number 400 Hydroxyl equivalent weight 140 g/eq Weight per gallon, 25°C 9.12 lb.

**SOLUBILITY:** Soluble in alcohols, esters and ketones. Partially soluble in xylene,

Aromatic 100, Aromatic 150 mineral spirits and water.

TYPICAL USAGE 2K polyurethane systems – 5-10% total resin solids Melamine baking

**LEVELS:** systems – 5-10% on total resin solids

SHELF LIFE: 12 months from date of manufacture

**HANDLING &** K-POL 8211 should be stored in a dry location at 15°C – 30°C. However,

STORAGE: K-POL 8211 may develop a crystalline appearance if stored for an

extended period of time in a cold environment. The material can be made

homogeneous with gentle heating, approximately 60°C for one hour,

depending on the volume of material. Do not exceed two hours of storage

at 60°C. Please consult Safety Data Sheet for further information.

**REGULATORY:** Please see section 15 of the SDS

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. Such testing has not necessarily been done by King Industries, Inc. ("King"). The facts, recommendations and suggestions herein stated are believed to be reliable; however, no guaranty or warranty of their accuracy is made. EXCEPT AS STATED, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. KING SHALL NOT BE HELD LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. Any statement inconsistent herewith is not authorized and shall not bind King. Nothing herein shall be construed as a recommendation to use any product(s) in conflict with patents covering any material or its use. No license is implied or granted under the claims of any patent. Sales or use of all products are pursuant to Standard Terms and Conditions stated in King sales documents.