

# A8411

## Polyester polyol

A8411 is a linear polyester polyol of average 2000 molecular weight. The product is an adipate ester base and is liquid at room temperature.

### APPLICATIONS

- A8411 is suitable for the production of flexible shoe soles in the normal density range with excellent mechanical and chemical properties.

Typical Properties	Method	Unit	Value
<b>Appearance</b>	QC0-I002-T001	-	Clear, yellow liquid
<b>Viscosity (@60° C)</b>	QC0-I002-T025	cps	900 – 1,100
<b>Hydroxyl Value</b>	QC0-I002-T012	mg KOH/gm	54.0 – 59.0
<b>Water Content</b>	QC0-I002-T026	%	Max. 0.05
<b>Acid Number</b>	QC0-I002-T002	mg KOH/gm	Max. 1.0
<b>Color</b>	QC0-I002-T007	Pt-Co	Max. 85

### STORAGE AND HANDLING

A8411 polyol is hygroscopic, and dry nitrogen or low dew point air is recommended for tank padding. Drums should be kept tightly closed to prevent contamination. The recommended storage temperature is 20-25°C and the recommended handling temperature is 40-50 °C.

### TOXICOLOGICAL PROPERTIES

A8411 has not been specifically evaluated for its toxicological properties. However, the similarity of the product to others, about which health hazard data is available, provides assurance that it represents minimum hazard. Polyols are low to very low in acute oral toxicity. Because of their low vapor pressure, polyols present no significant inhalation hazard. These materials generally are not irritants to the skin, but can cause mild irritation to the eyes.

**NOTICE:** The information presented herein, while not guaranteed, is, to the best of our knowledge true and accurate. No warranty or guarantee, express or implied, is made regarding the performance or stability of any product, since the manner of use and conditions of storage and *handling* are beyond our control.