



Polar Industries, Inc.  
www.polarindustries.net

## TECHNICAL DATA SHEET

# Zero-VOC HiBond™ 7012 Epoxidized Linseed Oil

Tel: (204) 372-8482 email: polarindustry@yahoo.com

### PRODUCT DESCRIPTION

HiBond™ 7012 is a premium quality epoxidized linseed oil with an exceptionally high oxirane value, imparting superior performance characteristics as compared to other epoxidized linseed oils on the market. The higher reactivity of HiBond 7012 translates to stronger bonds and more durable coatings and high compatibility as a plasticizer and stabilizer. Zero - VOC and low odor, HiBond 7012 is user friendly, a rapidly renewable resource and meets or exceeds new environmental standards. HiBond 7012 is recommended for use in applications ranging from food contact packaging and medical applications to extruded and molded components, adhesive epoxies, protective coatings and more.

### PHYSICAL PROPERTIES

Oxirane Oxygen, % by wt	12.1 % min – 14.1 % max
Acid Value mg KOH/g	0.05 max
Specific Density 20 °C, g/ml	1.010 – 1.078
Viscosity 20 °C, cST	710
Water & Impurities	0.1 % max
Storage Life 20 °C	1 year min
Volatile Organic Components	None
Color	Clear to pale yellow
Odor	Very Low to No Odor

The statements and technical information contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Polar Industries, Inc. expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED. The user should thoroughly test any application before commercialization. See MSDS for Health Considerations. © 2010 Polar Industries, Inc. All rights reserved.