



Polar Industries, Inc.
www.polarindustries.net

Zero-VOC HiBond™ 7012 EPOXIDIZED OIL

HiBond 7012 Epoxidized Oil is based on a new flax oil with 70 % C18:3 omega 3 non GMO. HiBond 7012 Epoxidized oil has a wide range of applications as epoxy adhesives and plasticizers. The oxirane value of 11.0 gives a much stronger bond...up to 37.5% stronger than other natural source adhesives. HiBond 7012 epoxidized oil is completely biodegradable and replaces other petrochemical based adhesives and plasticizers. Effective in stabilizing polymers against light, weather and very useful in highly strained plastic compounds,

HiBond 7012 epoxidized oil is more compatible with PVC and PE. HiBond 7012 epoxidized oil is conveniently priced, contains no water, and has no waste factor.



Because it is based on natural oils, our epoxy resin for adhesive and plasticizer is non-toxic and environmentally friendly.

Low Odor Adhesive & Plasticizer

Product Specifications: HiBond 7012 (Epoxidized HiOmega® Linseed Oil)	
Oxirane Oxygen, % by wt, min	11
Acid Value: mg KOH/g, max	0.05
Color	Clear to light yellow
Water and impurities:	Max. 0.1%
Specific Density 20°C:	1.010 -1.078 g/cm³
Viscosity 20°C:	710 cSt
Toxicity:	None
Storage Life (20°C):	Approx. 1 year
Oxirane Content:	
NMR Method:	11.1
DOW Method:	13.1

For pricing and order information contact us:

Polar Industries, Inc. Box 293, Fisher Branch, Manitoba Canada R0C 0Z0
Tel: (204) 372-8482 Cell: (786) 955-4008 email: polarindustry@yahoo.com