

EPOXOL® 9-5™

Epoxidized Linseed Oil

Description

EPOXOL® 9-5™ is a bio-based high oxirane epoxidized linseed oil (ELO). Our unique manufacturing process produces an exceptional ELO.

Applications

EPOXOL® 9-5's high oxirane makes it especially suited for applications where maximum oxirane levels are required because of formula restrictions. Applications include PVC medical devices, tubing, food wrap film, and general purpose flexible PVC products. EPOXOL® 9-5™ is also ideally suited for applications where an acid scavenger is required, including lubricating oils, cutting oils, and halogen-containing formulations. EPOXOL® 9-5™ is also an excellent chemical intermediate with multiple reactive sites.

Physical Properties, Typical¹

Properties	Typical Value
Oxirane Oxygen (wt. %)	9.3
Acid Number (mg KOH/g)	0.08
Peroxide Value (meq/Kg)	7
Color (APHA)	100
Specific Gravity (25°C)	1.030
Viscosity (cps at 25°C)	750
Flash Point (COC, °F)	600
Refractive Index	1.475

Purchaser should run their own tests to determine the suitability of EPOXOL® 9-5™ for their particular applications. These are typical properties and are not to be construed as sales specifications. Please contact ACS for additional information.