



PO Box 190
420 South Colfax Avenue
Griffith, Indiana 46319
Phone: (219) 924-4370 Fax: (219) 924-5298

EPOXOL[®] 7-4
Epoxidized Soybean Oil
11/01/2015

PROPERTY	SPECIFICATION	METHOD
Oxirane Oxygen, %wt	6.8 minimum	ASTM D 1652
Acid Number, mg KOH / gm	0.50 maximum	AOCS Te 2a-64
Iodine Value, cgm iodine / gm	3.0 maximum	AOCS Cd 1-25
Peroxide Value, meq / Kgm	10.0 maximum	AOCS Cd 8-53
Moisture & Volatiles, % wt	0.1 maximum	AOCS Ca 2c-25
Color, Pt / Co	150 maximum	AOCS Td 1b-64
Color, Gardner	1 maximum	AOCS Td 1a-64
Specific Gravity @ 25/25°C	0.995 ± 0.007	AOCS To 1b-64
Viscosity @ 25°C, cps	500 maximum	ASTM D 2196
Appearance	Pale yellow liquid, mild odor	ACS V3

Storage Temperature:

Bulk - 100 to 120°F, Nitrogen blanket to minimize moisture

Drums – Ambient (May heat to 110°F if material becomes cloudy at colder temperatures)

Epoxol[®] 7-4 has a shelf life of 2 years when stored in the original intact shipping container at ambient temperature and humidity. If the material is stored at temperatures less than 80°F for extended time, then heating the material to above 100°F may be required. Heating of the material should not exceed 130°F.

If Epoxol[®] 7-4 is maintained at temperatures greater than 130°F for an extended time, then the quality of the material should be verified before use.