

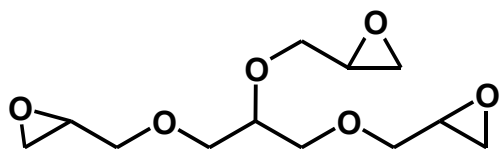


ISOBOND GE 100

(Glycidyl Ether, Rubber to Fabric Adhesion Promoter)

ISOBOND GE 100 is a glycidyl ether used as a rubber to fabric adhesion promoter in pre-dips for the treatment of tyre cord and reinforcing fabric.

Chemical Name



Mixture of di- and trifunctional epoxides based on glycidyl glycerol ether

CAS register number 90529-77-4; 25038-04-4

Typical Properties

Appearance	viscous, slightly yellowish liquid
Density	approx. 1.22 g/cm ³
Epoxy value	approx. 0.68 mol/100g
Chlorine content	approx. 12%
Epoxy equivalent (WPE)	approx. 145 g/mol

Application

ISOBOND GE 100 is used as a rubber to fabric adhesion promoter in combination with blocked isocyanates (i.e. Kagebond DM-50, Isobond P, Isocure TT).

Typical application is as a pre-dip in the double dip process producing polyester tyre cord and reinforcing fabrics.

For details, please refer to *Technical Bulletin 03/2003*.

Handling and Storage, Packaging

The processing and use of ISOBOND GE 100 requires adequate technical and professional knowledge. Please consult safety data sheet and observe local safety regulations.

The legal requirements prevailing in your country, especially in the avoidance of accidents, working hygiene and patent rights must be observed.

ISOBOND GE 100 has to be stored in tightly sealed original containers in a cool and dry place. Keep away from strong acids and bases and heavy metals and their salts. Properly stored it is stable for minimum 24 months.

Standard packaging is in steel drums of 250 kg each or in 1-ton plastic containers.

June 2004

The above information is based on our experience to date and is intended for your advice. It does not constitute a guarantee for individual applications because the application and handling in each case lie beyond our control. If damage or injury occurs as a result of an application for which we are proven liable, or maximum liability will be limited to the value of the products supplied by us and used by you. Claims for compensation based on the provisions of the Product Liability Law are not affected by the liability exclusion insofar as they are based solely on this law and are made by third parties.

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