

LAPOX[®] B 47

**GENERAL
PURPOSE LIQUID EPOXY RESIN**

LAPOX[®] B-47 is a modified liquid epoxy resin of low viscosity. It is crystallization free resin with attractive processing properties. This resin is specially modified to give perfect wetting and adhesion to most substrates.

LAPOX[®] B-47 can be suitably formulated into high strength adhesives, solvent free coatings and floor toppings. These formulation are generally used as room temperature curing systems, in combination with aliphatic polyamines, polyamine adducts (both aliphatic and aromatic), phenalkamines and polyamides.

TYPICAL PROPERTIES

Appearance----		Clear pale yellow liquid.
Colour	Gardener Scale	Max. 4
Epoxy Value	eq / kg	5.2 - 5.5
Epoxy Equivalent	g / eq	182 - 192
Viscosity at 25°C	mPas	450 - 650

STORAGE AND HANDLING

LAPOX[®] B-47 has a shelf life of at least twelve months if stored in its original container away from humidity and excessive heat.

LAPOX[®] B-47 is relatively safe to use. It has a very low dermatic potential. Special care has been taken to keep the epichlorohydrin content very low. Nevertheless, as with most other synthetic resins of this kind, care must be taken to avoid contact with skin as far as possible. If contact does occur, then the resin should be washed off immediately with soap and warm water. If resin wastes are incinerated, the decomposition products are carbon monoxide and carbon dioxide.

All recommendations for use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although the information contained in this sheet is accurate to the best of our knowledge, no liability can be accepted in respect of such information and no warranty or conditions are intended in respect of the product described as the conditions of application are beyond our control.

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