

Description Lapox B-7 is unmodified, liquid epoxy resin based on bisphenol-A. At room temperature, it is transparent high viscous liquid and has low flow ability. It can be suitably formulated in combination with other epoxy resins into high solids coatings and anti-corrosive primers. It is also used in adhesive formulations to increase flexibility. Lapox B-7 can be cured with aliphatic amines, Polyamides, Phenalkamines and Cycloaliphatic amines and adducts

Advantages Excellent flexibility and adhesion
Chemical resistant to mild acids and solvents

Applications High solid coatings and primers
Industrial maintenance paints

Processing Coatings and paints

Typical specifications

Properties	Unit	Test method	Values
Description	-	Visual	Clear viscous liquid
Colour	GS	ASTM D1544	Max 2
Viscosity at 25°C ¹	mPa s	ASTM D2196	450 - 800
Epoxy content	Eq/Kg	ASTM D1652	3.57 – 4.45
Epoxy Equivalent wt	Gm/Eq	ASTM D1652	225 - 280
Shelf life	Months	-	24

¹ 70% solution in butyl carbitol.

Packaging Lapox B-7 is available in 200 kg MS drums.
Other packing may be considered on request

Storage and handling Lapox B-7 should be stored in a cool and dry place, preferably in a sealed container and should not be exposed to direct sunlight. This product has a shelf life of two year, if stored in its original container between 18°C and 25°C away from humidity and excessive heat

Safety Wear personal protective equipment (PPE). Avoid contact with the eyes and skin. In case of direct contact and irritation, the resin should be washed off immediately with soap and warm water. Avoid breathing vapours, mist or gas. Please refer to the Safety Data Sheet (SDS) for detailed safety instructions.

LAPOX B-7

Technical Data Sheet | Polymers – Performance Materials



Spills and disposal

In case of spills, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue. Do not allow the product to reach the sewage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

Contact

E-mail: polymers@atul.co.in
Website: www.atul.co.in

Note

Lapox is a registered trademark of Atul Ltd.

Manufacturing site

Atul 396 020, Gujarat, India
Telephone: (+91 2632) 230000 | 233261
E-mail: contact@atul.co.in

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