

## Description

Lapox P-101 is 75% solution of solid epoxy resin (type-1) in xylene. It can be cured with polyamidoamides, phenalkamines, amine-adducts to formulate room temperature curing coating systems. Comparatively long pot life, ease of application, excellent adhesion to concrete and metal surfaces are the key advantages of this resin.

## Advantages

Excellent adhesion to metal, concrete and wood  
Resistant to mild chemicals  
Resistance to saline environment

## Applications

Clear lacquers  
Industrial maintenance paints  
Primers for metal and concrete  
Zinc rich primers

## Processing

Spray, roller or brush

## Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear yellowish liquid
Colour	GS	ASTM D1544	Max 2
Epoxy value (100% solid)	Eq/kg	ASTM D1652	1.90 - 2.20
Viscosity at 25°C	m Pas	ASTM D4287	9,000 - 13,000
Solid content, 105°C / 2 hours	%	-	74 - 76
Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	454.5 - 549.4

## Packaging

Lapox P-101 is available in 200 kg MS drums. Other packing may be considered on request.

## Storage and handling

Lapox P-101 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 2 years, if stored in its original container between 18°C and 25°C away from humidity and excessive heat. Please refer to the Safety Data Sheet (SDS) for detailed instructions on storage and handling.

## 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 SDS for detailed safety instructions.

## 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.

# LAPOX<sup>®</sup> P-101

Technical Data Sheet | Polymers Business



## Contact

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## Note

Lapox<sup>®</sup> is a registered trademark of Atul Ltd.

## Manufacturing site

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