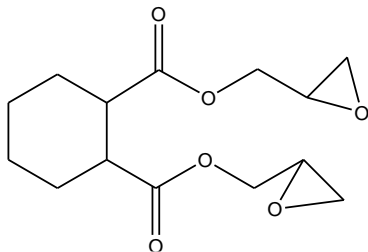


## Description

Lapox ARCH-11 is a low viscosity, cycloaliphatic epoxy resin. This product has very good outdoor properties and provides an excellent UV weather resistance. It can be cured with carboxylic anhydrides in the presence of small amount of accelerator. The cured product exhibits an outstanding arc and track resistance, coupled with excellent mechanical and electrical properties.

## Chemical structure



## Advantages

- Arc resistance
- Excellent electrical and mechanical properties
- Good thermal shock resistance
- High resistance to erosion by UV radiation
- High tracking

## Applications

Medium and high voltage electrical insulating components like bushing, switch gear, instrument transformers etc., post type insulator for medium voltage outdoor applications.

## Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear liquid
Epoxy value	Eq/kg	ASTM D1652	5.50 - 6.30
Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	159 - 182
Viscosity at 25°C	m Pas	ASTM D2196	500 - 1,100
Hydrolysable chlorine	%	ASTM D1726	Max 1
Specific gravity at 25°C	-	-	1.20 - 1.24

## Packaging

Lapox ARCH-11 is available in 200 kg MS | HDPE drums and 1,000 kg IBC. Other packing may be considered on request.

## Storage and handling

Lapox ARCH-11 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.

# LAPOX<sup>®</sup> ARCH-11

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## 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

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## Note

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

## Manufacturing site

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