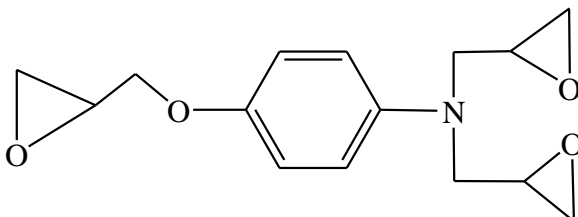


Description

Lapox ARTF-36 is an unmodified, high purity distilled trifunctional low viscosity resin based on para-aminophenol. The reactivity of this resin is comparatively faster than conventional resins with high exotherm.

Chemical structure



Advantages

- Fast reacting
- High chemical resistance
- High glass transition temperature
- Outstanding heat resistance
- Very good mechanical strength

Applications

- Coatings
- High performance composite components
- High performance structural adhesives
- Tooling

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Yellowish-brown liquid
Epoxy value	Eq/kg	ASTM D1652	9.4 - 10.5
Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	95 - 106
Viscosity at 25°C	m Pas	ASTM D2196	550 - 850
Hydrolysable chlorine	%	ASTM D1726	Max 0.2

Packaging

Lapox ARTF-36 is available in 25 kg MS drums. Other packing may be considered on request.

Storage and handling

Lapox ARTF-36 must be stored between 2°C and 8°C in sealed containers. Storage at high temperature can adversely impact on its properties. This product has a shelf life of 1 year if stored at recommended temperature in its original container away from humidity and excessive heat. Keep away from heat sources or in hot environment and avoid direct sun light as this resin has tendency to react violently and explosion may occur. Never apply direct heating by hot plates, hot ovens or band heaters to warm the resin. This resin is highly reactive and hence has tendency to increase the viscosity if stored for long time.

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) of Lapox ARTF-36 for detailed safety instructions.

LAPOX[®] ARTF-36

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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[®] is a registered trademark of Atul Ltd.

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