

Description Lapox K-49 is a low viscosity modified aromatic amine suitable to cure epoxy resin at ambient temperature. When it is used with basic liquid epoxy resin (EEW: 190) it provides excellent chemical resistance coupled with mechanical properties. It is recommended with use along with modified or unmodified epoxy resins based on bisphenol-A and F and epoxy phenol novolac. Appropriately cured film withstands variety of chemicals including acid, alkali and solvents.

Advantages Excellent chemical resistance
Light color
Low viscosity

Applications Chemical resistance lining, screed and floorings

Processing Protective coating

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, brown liquid
Colour	GS	ASTM D1544	Max 13
Amine value	eq/kg	ASTM D2073	4.7 - 5.0
Viscosity at 25°C	m Pas	ASTM D2196	700 - 900
Pot life at 25°C ¹	Minutes	ASTM D2471	110 - 150
AHEW	g/eq	-	114
Recommended ratio	w/w	-	60

¹Pot life of 100 g mix mass at 25°C. Mixing ratio of Lapox B-11: Lapox K-49 is 100:60 w/w

Packaging Lapox K-49 is available in 200 kg MS | HDPE drums and 1,000 kg IBC. Other packing may be considered on request.

Storage and handling Lapox K-49 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 1 year, 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[®] K-49

Technical Data Sheet | Polymers Business



Contact

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Note

Lapox[®] is a registered trademark of Atul Ltd.

Manufacturing site

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