

Description Lapox AH-440 is a modified cycloaliphatic amine available in form of low viscous transparent liquid. It is suitable to cure epoxy resins at ambient temperature. It is recommended for solvent free coating, floor topping, and industrial maintenance coatings along with modified or unmodified epoxy resins based on Bisphenol-A|F. Appropriately cured mass will provide excellent glossy films coupled with good mechanical strength and chemical resistance properties.

Advantages Excellent gloss
Free from amine blush
Low colour
Low viscosity

Applications Epoxy paints
Floor topping
Industrial maintenance coating

Processing Brush, roller or spray coating

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Clear liquid
	Color	GS	ASTM D1544	Max 2
	Amine value	mg KOH/g	ASTM D2073	335 - 375
	Acid value	mg KOH/g	ASTM D1639	8 - 12
	Viscosity at 25°C	m Pas	ASTM D2196	150 - 300
	Pot life at 25°C ¹	Minutes	ASTM D2471	25 - 40
	AHEW	g/eq	-	75
	Recommended ratio	w/w	-	40

¹Pot life of 100 g mix mass. Mixing ratio of Lapox B-11 (EEW 190): Lapox AH-440 is 100:40 w/w

Packaging Lapox AH-440 is available in 200 kg MS | HDPE drums and 1,000 kg IBC. Other packing may be considered on request.

Storage and handling Lapox AH-440 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.

LAPOX[®] AH-440

Technical Data Sheet | Polymers Business



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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