

# LAPOX AH-351



Technical Data Sheet | Polymers – Performance Materials

**Description** Lapox AH-351 is modified aliphatic amine adduct having high functionality, capable to cure epoxy resin at ambient temperature. It provides faster reactivity and short pot life when reacted with epoxy resins. When cured with stoichiometric ratio with modified epoxy phenol novolacs resin, it provides high thermal and mechanical properties coupled with high chemical resistance. It is suitable to formulate solvent free and high solid coatings for high chemical resistance coatings and floorings.

**Advantages** Low viscosity  
Faster reactivity

**Applications** Solvent free and high solid coatings

**Processing** Brush, roller or spray coating

## Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear yellow liquid
Color	GS	ASTM D1544	Max 4
Amine value	mgKOH/gm	ASTM D2073	575 - 625
Viscosity at 25°C	mPa s	ASTM D2196	500 - 1000
Pot life at 25°C <sup>1</sup>	minutes	ASTM D2471	35 - 45
AHEW	gm/eq	--	48
Recommended ratio	w/w	--	25

<sup>1</sup>Pot life of 100 gm mix mass with B-11 (EEW: 190), mixing ratio of B-11:AH-351 is 100:25 w/w

**Packaging** Lapox AH-351 is available in 200 kg HDPE drums. Other packing may be considered on request.

**Storage and handling** Lapox AH-351 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 one year, if stored in its original container between 18°C and 25°C away from humidity and excessive heat.

**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 AH-351 for detailed safety instructions.

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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.

## Manufacturing site

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