

**Description** Lapox AH-714 is a solvent free, low viscosity polyamidoamide based on dimer fatty acid and aliphatic polyamine. It is suitable for applications like primer, mortar and grouts, crack filling and solvent free coatings. Due to low viscosity it is capable of high filler loading for applications like encapsulation of electrical components for low voltage applications. Appropriately cured with epoxy resins will exhibit good flexibility, low shrinkage, an excellent adhesion and best corrosion protection properties.

**Advantages**

- Good inter-coat adhesion
- High peel strength
- Improved flexibility
- Long working time
- Superior corrosion resistance

**Applications**

- Electrical casting
- Maintenance coating
- Primers and topcoat
- Tile grouts

**Processing**

- Adhesives and mortars
- Solvent free coatings and castings

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Yellow-brown liquid
	Colour	GS	ASTM D1544	Max 8
	Amine value	mg KOH/g	ASTM D2073	425 - 450
	Viscosity at 25°C	m Pas	ASTM D2196	500 - 1,000
	Density at 20°C	g/cm <sup>3</sup>	-	0.95 - 0.97
	Pot life at 25°C <sup>1</sup>	Minutes	ASTM D2471	120 - 130
	AHEW	g/eq	-	95
	Recommended ratio	w/w	-	50

<sup>1</sup>Pot life of 100 g mix mass with Lapox B-11 (EEW: 190), mixing ratio of Lapox B-11: Lapox AH-714 is 100:50 w/w

**Packaging** Lapox AH-714 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-714 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<sup>®</sup> AH-714

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

## Manufacturing site

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