

## Description

Lapox AH-725 is a modified polyamide hardener suitable to cure epoxy resin at room temperature. It has moderate viscosity, light colour and provides faster reactivity compared to conventional polyamides. It is recommended for applications like adhesives, mortars and protective coating applications. The appropriately cured with epoxy resins will exhibit excellent mechanical properties coupled with good adhesion to various substrates like metal, concrete, glass and wood surfaces.

## Advantages

- Excellent adhesion to metal and concrete
- Fast reactivity
- Light colored
- Solvent free

## Applications

- Adhesive
- High solid coatings
- Mortars and grouts

## Processing

Adhesive

## Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Brown, viscous liquid
Colour	GS	ASTM D1544	Max 8
Amine value	mg KOH/g	ASTM D2073	202 - 225
Viscosity at 25°C	m Pas	ASTM D2196	7,000 - 11,000
Pot life at 25°C <sup>1</sup>	Minutes	ASTM D2471	40 - 50
AHEW	g/eq	-	95
Recommended ratio	w/w	-	50

<sup>1</sup>Pot life of 100 g mix mass in plastic cup. Mixing ratio with Lapox ARA-19 (EEW 190): Lapox AH-725 is 100:50 w/w

## Packaging

Lapox AH-725 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-725 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-725

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

E-mail: [polymers@atul.co.in](mailto:polymers@atul.co.in)  
Website: [www.atul.co.in](http://www.atul.co.in)

## Note

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

## Manufacturing site

Atul 396 020, Gujarat, India  
Telephone: (+91 2632) 230000 | 233261  
E-mail: [contact@atul.co.in](mailto:contact@atul.co.in)

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