

## Description

Lapox AH-315 is a long chain polyether amine having slow reactivity towards epoxy resin at ambient temperature. It is a clear colourless liquid with amine-like odour. It is miscible with water and soluble in many organic solvents. It provides long pot life and very low exotherm when cured with epoxy resins. Appropriately cured mass shows relatively high elongation, toughness, excellent resistance to impact and thermal shock resistance.

## Advantages

Excellent flexibility and toughness  
Extended working time  
Light colour  
Low viscosity

## Applications

Clear castings  
Decoupage application  
Solvent free coatings  
Stone processing

## Processing

Casting and coating

## Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear liquid
Colour	GS	ASTM D1544	Max 1
Viscosity at 25°C	m Pas	ASTM D2196	5 - 15
Pot life at 25°C <sup>1</sup>	Hours	ASTM D2471	7 - 9
AHEW	g/eq	-	61
Recommended ratio	w/w	-	32
Potential Tg (by DSC)	°C	DIN 11357-2	85 - 95

<sup>1</sup>Pot life of 100 g mix mass. Mixing ratio with Lapox B-11 (EEW 190): Lapox AH-315 is 100:32 w/w

## Packaging

Lapox AH-315 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-315 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-315

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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