

**Description** Lapox AH-354 is a very high viscosity modified cycloaliphatic polyamine suitable to cure epoxy resin at ambient temperature. It provides very fast reactivity and short pot life with liquid epoxy resins. It is recommended for filler based epoxy adhesives. Rapid reactivity and fast development of mechanical properties are key advantages of this hardener.

**Advantages** Faster reactivity  
Low colour

**Applications** Adhesive  
Epoxy putty

**Processing** High speed or kneader mixture

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Clear-yellow, viscous liquid
	Colour	GS	ASTM D1544	Max 8
	Amine value	mgKOH/g	ASTM D2073	340 - 370
	Viscosity at 25°C	m Pas	ASTM D2196	60,000 - 1,00,000
	Pot life at 25°C <sup>1</sup>	Minutes	ASTM D2471	5 - 10
	AHEW	g/eq	-	190
	Recommended ratio	w/w	-	100

<sup>1</sup>Pot life of 100 g mix mass. Mixing ratio with Lapox B-11 (EEW 190): Lapox AH-354 is 100:100 w/w.

**Packaging** Lapox AH-354 is available in 200 kg HDPE drums. Other packing may be considered on request.

**Storage and handling** Lapox AH-354 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. 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-354

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)

---

Disclaimer: The information contained herein is for information purposes only. While enough care is taken in disclosing the information, users of this information are advised to cross-check the same depending upon use | application. Atul Ltd does not give any assurance or warranty or guarantee in regard to the accuracy or completeness of the information and no claim or liability will be accepted or entertained in regard thereto. Atul Ltd makes no warranty of any kind, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or performance or usage of trade.