

Description Lapox AH-420 is a low colour, low viscosity modified cycloaliphatic amine adduct. It is suitable to cure epoxy resin at ambient temperature. It provides relatively faster reactivity and short pot life when cured with unmodified epoxy resins. It is mainly recommended for solvent-free and high solids coatings, gel coats and floor toppings. Good colour and colour stability are the promising features of this curing agent, which produces films with non-blushing and excellent gloss.

Advantages
Faster reactivity
Good chemical resistance
High gloss
Low viscosity

Applications Chemical resistance flooring and coating

Processing Spray, roller or brush

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Pale-yellow liquid
Colour	GS	ASTM D1544	Max 3
Amine value	mg KOH/g	ASTM D2073	320 - 340
Viscosity at 25°C	m Pas	ASTM D2196	40 - 60
Pot life at 25°C ¹	Minutes	ASTM D2471	25 - 40
AHEW	g/eq	-	91
Recommended ratio	w/w	-	48

¹Pot life of 100 g mix mass. Mixing ratio of Lapox B-11 (EEW 190) : Lapox AH-420 is 100:48 w/w

Packaging Lapox AH-420 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-420 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.

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.

LAPOX[®] AH-420

Technical Data Sheet | Polymers Business



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Note

Lapox[®] is a registered trademark of Atul Ltd.

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