

Description

Lapox AH-424 is low colour, low viscosity modified cycloaliphatic amine suitable to cure epoxy resin at ambient temperature. The faster reactivity of Lapox AH-424 permits rapid development of properties at ambient temperature. After cure, it exhibits high gloss with excellent surface finish suitable for coating and flooring application. The cured film has chemical resistance to acid, alkali, alcohols and hydrocarbon solvents. Very low viscosity permits high filler loading and excellent wetting properties. It is advisable to use this hardener during warm climate to avoid amine blush on cured surfaces.

Advantages

- Faster reactivity
- Low amine blush
- Low colour
- Low viscosity

Applications

- Chemical resistance flooring and coating tank lining
- Floor toppings
- Solvent free coating

Processing

Brush, roller or spray coating

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, yellow liquid
Colour	GS	ASTM D1544	Max 2
Amine value	mg KOH/g	ASTM D2073	330 - 360
Viscosity at 25°C	m Pas	ASTM D2196	20 - 50
Pot life at 25°C ¹	Minutes	ASTM D2471	25 - 35
AHEW	g/eq	--	86
Recommended ratio	w/w	--	45

¹Pot life of 100 g mix mass. Mixing ratio of Lapox B-11 (EEW 190): Lapox AH-424 is 100:45 w/w

Packaging

Lapox AH-424 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-424 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[®] AH-424

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[®] is a registered trademark of Atul Ltd.

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