

Description Lapox AH-351 is modified aliphatic amine adduct having high functionality, capable to cure epoxy resin at ambient temperature. It provides faster reactivity and short pot life when reacted with epoxy resins. When cured with stoichiometric ratio with modified epoxy phenol novolac, it provides high thermal and mechanical properties coupled with high chemical resistance. It is suitable to formulate solvent free and high solid coatings for high chemical resistance coatings and floorings.

Advantages Faster reactivity
Low viscosity

Applications Solvent free and high solid coatings

Processing Brush, roller or spray coating

| Typical specifications | Properties | Unit | Test method | Values |
|------------------------|-------------------------------|----------|-------------|----------------------|
| | Appearance | - | Visual | Clear, yellow liquid |
| | Colour | GS | ASTM D1544 | Max 4 |
| | Amine value | mg KOH/g | ASTM D2073 | 650 - 750 |
| | Viscosity at 25°C | m Pas | ASTM D2196 | 500 - 1,000 |
| | Pot life at 25°C ¹ | Minutes | ASTM D2471 | 30 - 40 |
| | AHEW | g/eq | - | 48 |
| | Recommended ratio | w/w | - | 25 |

¹Pot life of 100 g mix mass with Lapox B-11 (EEW: 190), mixing ratio of Lapox B-11: Lapox AH-351 is 100:25 w/w

Packaging Lapox AH-351 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-351 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-351

Technical Data Sheet | Polymers Business



Contact

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Note

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

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