

Description Lapox K-54 is a low colour modified aliphatic amine adduct suitable to cure epoxy resin at ambient temperature. It provided faster reactivity and shot pot life with modified and unmodified epoxy resins at ambient temperature. It is mainly recommended for solvent-free and high solids coatings, gel coats and self-leveling floors. Good colour and colour stability are the promising features of this curing agent, which produces films with non-blushing and good gloss.

Advantages Good chemical resistance
Low viscosity
Rapid setting

Applications Adhesive
Mortar and screed
Solvent free and high solid coatings

Processing Adhesives and coatings

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	398 - 415
Viscosity at 25°C	m Pas	ASTM D2196	2,900 - 3,600
Pot life at 25°C ¹	Minutes	ASTM D2471	15 - 30
AHEW	g/eq	-	66.5
Recommended ratio	w/w	-	35

¹Pot life of 100 g mix mass at 25°C. Mixing ratio of Lapox B-11: Lapox K-54 is 100:35 w/w

Packaging Lapox K-54 is available in 200 kg MS | HDPE drums and 1,000 kg IBC. Other packing may be considered on request.

Storage and handling Lapox K-54 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[®] K-54

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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