

Description Lapox XH-61 is a 50% solution of aliphatic polyamine adduct in xylene and butanol (1:1) mixture. It offers very light colour and low viscosity, which is suitable for clear coatings. It is recommended to cure with epoxy resin solution (type-1) for good flexibility and adhesion to variety of substrates. Due to low viscosity and light color, it is suitable for clear coats, varnishes and maintenance coatings. Fully cured films exhibits gloss, free from amine blush coupled with excellent resistance to mild acid, alkali and hydrocarbon solvents.

Advantages Good adhesion to metal, concrete and wood
Light colour and low viscosity
Resistant to hydrocarbon solvents

Applications Clear coatings
Industrial maintenance paints

Processing Chemical resistant coating and flooring

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, yellowish liquid
Colour	GS	ASTM D1544	Max 2
Amine value	mg KOH/g	ASTM D2073	165 - 210
Viscosity at 25°C	m Pas	ASTM D2196	1,500 - 2,000
Solid content, 120°C/2hours	%	ASTM D1489	48 - 52
AHEW	g/eq	-	195
Pot life at 25°C ¹	Hours	ASTM D2471	4 - 6
Recommended ratio	w/w	-	30

¹Pot life of 100 g mix mass. Mixing ratio with Lapox P-101(EEW: 666): Lapox XH-61 is 100:30 w/w. Lapox P-101 is available as 75% solution of type-1 solid epoxy resin in xylene)

Packaging Lapox XH-61 is available in 200 kg MS | HDPE drums and 1,000 kg IBC. Other packing may be considered on request.

Storage and handling Lapox XH-61 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[®] XH-61

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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