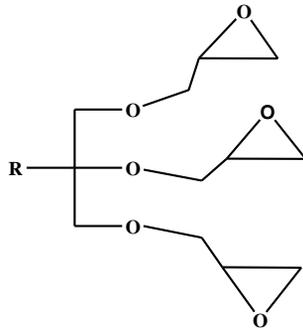


Description

Lapox ARD-65 is an unmodified, trifunctional epoxy reactive diluent based on castor oil. It imparts good impact resistance, thermal shock resistance and flexibility when introduced in various epoxy formulations. It has low vapour pressure and odour. It has good compatibility with bisphenol-A based epoxy resin. Lapox ARD-65 when added in epoxy formulations reduces viscosity and lengthens pot life.

Chemical structure



Advantages

- Extremely low moisture absorption
- Non-volatile and low odour
- Provides good flexibility and impact resistance to epoxy systems
- Superior electrical properties

Applications

- Concrete patching compounds
- High impact resistance tooling
- High peel strength adhesives
- Thermal shock resistance potting and dip coatings

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, yellow liquid
Colour	GS	ASTM D1544	Max 6
Epoxy value	Eq/kg	ASTM D1652	1.54 - 2.00
Epoxy equivalent weight (EEW)	g/eq	ASTM D1652	500 - 649
Viscosity at 25°C	m Pas	ASTM D2196	250 - 500

Packaging

Lapox ARD-65 is available in 220 kg MS drums. Other packing may be considered on request.

Storage and handling

Lapox ARD-65 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 2 years if stored in its original container between 2°C and 40°C away from humidity and excessive heat.

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 Safety Data Sheet (SDS) of Lapox ARD-65 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.
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Note	Lapox [®] is a registered trademark of Atul Ltd.

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