

# HANSON CHEMICALS

## Product Name

Polyether Amine LHD-123

## Product Features and Advantages

LHD-123 is a poly-propylene oxide compound, mainly composed of primary amino groups. It features low viscosity, low chroma (color), and low vapor pressure, making it highly suitable for high-performance applications.

## Application Scope

- Curing agent for epoxy resin
- Curing agent for ornament glue (hard glue) and wind turbine blade glue
- Polyamide hot melt adhesives
- Electronic sealing adhesive curing agent
- Rapid curing RIM systems
- Curing agent for building structure adhesives
- Modified polyether amine curing agent
- Curing agent for heavy anticorrosive coatings
- Composite materials like fishing rods, golf clubs, tennis rackets

## Typical Properties

Molecular Weight	About 230
Appearance	Colorless to Pale Yellow Liquid
Density (g/ml at 25C)	0.948
Viscosity (cSt at 25C)	7.9
Total Amine (meq/g)	4.87
Primary Amine (%)	>= 90
Flash Point PMCC (C)	121C (249.8F)
pH	11.7
Color (Pt-Co, APHA)	<=25
Water Content (wt%)	<=0.25
CAS Number	9045-10-1

## Packaging and Shipping

- Drum: 195 kg net weight
- IBC: 942 kg net weight
- ISO Tank: Approximately 28,000 kg net weight

## Storage and Handling

Polyether Amine LHD-123 should be stored in a tightly closed container in a dry, cool, and well-ventilated place. Protect

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from moisture and direct sunlight. Standard industrial hygiene practices including the use of gloves and eye protection are recommended. In case of contact with skin or eyes, rinse immediately with plenty of water and seek medical advice if necessary.