

# HANSON CHEMICALS

## Product Name

Polyether Amine LHD-1200

## Product Features and Advantages

LHD-1200 is an amine-terminated polyether based on polypropylene oxide, mainly terminated by primary amino groups. It features low viscosity, light color, low vapor pressure, and offers improved flexibility and peel strength.

## Application Scope

- Key component of spraying polyurea systems
- RIM (Reaction Injection Molding) systems
- Curing agent for cathodic electrophoretic paint
- Curing agent for epoxy resins
- Curing agent for ornament (soft) glue
- Modified polyether amine curing agent applications

## Typical Properties

Molecular Weight	About 2000
Appearance	Colorless to Light Yellow Liquid
Density (g/ml at 25C)	0.991 (8.36 lb/gal)
Total Amine (meq/g)	0.98 - 1.05
Functionality	2
Primary Amine (%)	>97
Color (Pt-Co, APHA)	<=25
Water Content (wt%)	<=0.25
Viscosity (cSt at 25C)	9.5
Flash Point PMCC (C)	121C (249.8F)
pH	11.7
CAS Number	9046-10-1

## Packaging and Shipping

- Drum: 200 kg net weight
- IBC: 950 kg net weight

## Storage and Handling

Polyether Amine LHD-1200 should be stored in tightly closed containers in a dry, cool, and well-ventilated place. Protect from moisture and direct sunlight. Follow standard industrial hygiene practices including the use of gloves and eye protection. In case of contact with skin or eyes, rinse immediately with plenty of water and seek medical attention if necessary.

Buffalo NY, Burlington ON Canada

Phone: 216 306 0506 | Email: [Info@hansonchemicals.com](mailto:Info@hansonchemicals.com) | Web: [www.hansonchemicals.com](http://www.hansonchemicals.com)