

## Everchem T403

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### Description

Everchem T403 polyether amine is one member of a family of polyamines having as their backbones repeated oxypropylene units. Everchem T403 is a trifunctional primary amine having an average molecular weight of approximately 440. Its amine groups are located on secondary carbon atoms at the ends of aliphatic polyether chains.

Everchem T403 is light in color, low in viscosity and vapor pressure, high in primary amine content and completely miscible in a wide variety of solvents including water.

### Applications

Everchem T403 undergoes reactions typical of primary amines. It is closely akin to Everchem D230, and finds use in similar applications. Thus, Everchem T403 is used primarily in epoxies, where it had certain advantages over its sister product. Coatings made from Everchem T403, for example, will have somewhat better chemical resistance and color than those made from Everchem D230.

### Specification

Appearance:	Colorless to pale yellow with slight haze
Color, Pt-Co:	50 max
Primary amine, %of total amine:	90 min
Total acetyltables, mmol/g:	6.5-7.1
Total amine, mmol/g:	6.1-6.6
Water, wt%:	0.25max

### Packaging and Storage

- 1) 200kg/barrel with nitrogen or tank wagon
- 2) Storage: one year in shadow
- 3) Transportation: see MSDS

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