## **Technical Bulletin**

## JEFFAMINE® T-403 Polyetheramine

JEFFAMINE T-403 polyetheramine is is characterized by repeating oxypropylene units in the backbone. As shown by the structure, JEFFAMINE T-403 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.

CH 3
$$CH_3$$

$$H_2N$$

$$H_3C$$

$$CH_3$$

$$CH_3$$

$$CH_3$$

$$X$$

$$Z$$

$$X+y+z) = 5-6$$

**APPLICATIONS** 

- Epoxy curing agent
- Anti-sag agent for polyurethanes

**BENEFITS** 

- · Low color and vapor pressure
- · Completely miscible with a wide variety of solvents, including water
- · Improves flexibility and strength

SALES SPECIFICAT

## **TOXICITY AND SAFETY**

For additional information on the toxicity and safe handling of this product, consult the Material Safety Data Sheet (Safety Data Sheet in Europe) prior to use of this product.

## HANDLING AND STORAGE

Materials of Construction

At tempera tures of 7 5-100°F (34-38°C)

Tanks Carbon steel
Lines, valves Carbon steel
Pumps Carbon steel
Heat exchange Surfaces Stainless steel

Hoses Stainless steel, polyethylene, polypropylene, and TEFLON®

Gaskets, packing