

# PowerCat™ A77 Amine Catalyst

## Introduction

PowerCat™ A77 is a tertiary amine catalyst used to promote urea (water-isocyanate) reactions in a wide range of polyurethane foam applications.

## Physical Properties

Appearance	Colorless to yellowish Liquid
Density (25°C, g/cm <sup>3</sup> )	0.83-0.87
Flash Point (°C)	92
Boiling Point (°C)	227
Water Solubility	Completely Soluble

## Benefits & Applications

PowerCat™ A77 is widely used as a foaming catalyst in both flexible and rigid polyurethane foam systems. It is particularly recommended for:

- All-water-blown TDI or TDI/MDI-based high resilience (HR) foam
- MDI-based cold-cure molded polyurethane cushioning foams
- Flexible slabstock foam applications
- Rigid pour-in-place systems

PowerCat™ A77 improves the efficiency of cell-opening surfactants and is widely used in soft foam applications such as mattresses, automotive seating, and furniture cushions.

## Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to two years in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

## Packing

PowerCat™ A77 is supplied in 170Kg drum and 850Kg IBC.

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### Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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