



PPG-4000 Polyol

(Polypropylene Glycol 4000)

CAS No.: 25322-69-4
Formula: $\text{H}[\text{OCH}(\text{CH}_3)\text{CH}_2]_n\text{OH}$

DESCRIPTION

PPG-4000 Polyol is a high molecular weight polyether polyol used in the production of polyurethane products. It is a versatile raw material offering excellent reactivity, compatibility, and performance across coatings, adhesives, sealants, elastomers, and flexible foam applications.

KEY FEATURES

- High molecular weight polyol (approx. 4000)
- Excellent compatibility with isocyanates
- Provides flexibility, resilience, and improved physical properties in polyurethane systems
- Low volatility and low toxicity profile

APPLICATIONS

- Polyurethane elastomers and foams
- Coatings, adhesives, and sealants
- Industrial resins and binders
- Plasticizers and modifiers

TYPICAL SPECIFICATIONS

Parameter	Specification
Appearance	Clear, colorless liquid
Hydroxyl Number (mgKOH/g)	~28
Average Molecular Weight	~4000
Specific Gravity (25 °C)	~1.0
Flash Point	>200 °C (closed cup)
Viscosity (25 °C)	Moderate, liquid form

(Values are typical; not to be construed as specifications.)





**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

- Supplied in 200 kg steel drums or 1000 kg IBC totes.
- Bulk packaging available upon request.

STORAGE

- Store in tightly sealed containers in a cool, dry, and well-ventilated area.
- Avoid elevated temperatures and direct sunlight.
- Do not store with oxidizers, strong acids, alkalis, or isocyanates.

SAFETY & HANDLING

- Avoid contact with eyes and minimize prolonged skin contact.
- Use standard PPE: safety glasses, protective clothing, and gloves.
- Ensure adequate ventilation when handling heated or sprayed product.
- Refer to the Safety Data Sheet (SDS) for detailed guidance on exposure controls and first aid measures.