



PPG-2000 Polyol

(Polypropylene Glycol 2000)

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

DESCRIPTION

PPG-2000 is a polyether diol of roughly 2,000 molecular weight used as a versatile intermediate for polyurethane systems across coatings, adhesives, sealants, elastomers, and flexible foams. With secondary hydroxyl end groups (typical hydroxyl value 54–58 mg KOH/g), it offers balanced reactivity toward MDI/TDI, providing workable pot life and controllable cure.

KEY FEATURES

- Polyether diol, ~2,000 MW
- Balanced reactivity for CASE/foam systems
- Low water content; clear, easy-handling liquid

APPLICATIONS

- Polyurethane coatings, adhesives, sealants, elastomers (CASE)
- Flexible cast elastomers and foam components
- General PU intermediates and modifiers

TYPICAL SPECIFICATIONS

Parameter	Specification
Appearance	Clear liquid
Hydroxyl value	54–58 mg KOH/g
Water content	< 0.03%
pH (10/6 IPA/H ₂ O)	5.5–7.0
Viscosity (25 °C)	~300 cP

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





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

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PACKAGING

- Common supply formats: drums and IBC totes (bulk on request).

STORAGE

- Store in tightly closed containers in a cool, dry, well-ventilated area.
- Protect from heat and direct sunlight; keep away from oxidizers and incompatible materials.

SAFETY & HANDLING

- Avoid contact with eyes and minimize prolonged skin contact; use standard PPE (safety glasses, gloves, protective clothing).
- Ensure adequate ventilation when handling heated or sprayed product.
- Refer to the product SDS for detailed first aid, exposure controls, and regulatory information.