

**Permax™ 232**

Hydrophilic, Crosslinkable, Aliphatic Polyether

Permax™ 232 is used in high performance coating applications where a hydrophilic polymer is needed for moisture vapor transmission, hydrophilic surface treatment, or excellent ionic compatibility is required. Permax™ formulas can be engineered to give controlled moisture vapor transmission rates, excellent washfastness and softness. Permax 232 is TSCA, EINECS, and DSL compliant. Permax 232 can be crosslinked with isocyanates, polyfunctional aziridines, melamine formaldehyde and carbodiimide cross linkers. Please contact your Lubrizol sales representative for more information on ready-to-run Lubrizol Permax™ coating compounds.

**FEATURES AND BENEFITS**

- Crosslinkable
- High MVTR
- Hydrophilic
- Softness
- Wet washfastness

**CHARACTERISTICS**

Characteristic Name	Value
% Weight Solids	35
Appearance	OPAQUE - WHITE
Brookfield Viscosity (cps)	750
Charge	NONIONIC
Density (lb/gal @ 25 °C)	8.6
Freeze/Thaw Stability	PASS
pH Value	5.4
Surface Tension (Dynes/cm)	55
VOC (g/L)	<01

## REGULATORY

- Low VOC<sup>4</sup>
- NMP-Free<sup>1</sup>

<sup>1</sup>Not intentionally added to the composition of this product

<sup>4</sup>Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

## APPLICATIONS

- Apparel Coatings
- Custom Textile Formulations
- Technical Textile Coatings

## AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

## RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

## REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

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