

**Sancure™ 20025F Polyurethane Dispersion**

Aliphatic Polyurethane Dispersion

Sancure™ 20025F is a soft elastic aliphatic polyester urethane polymer dispersion. It has very low VOC content and contains no alkylphenol ethoxylates (APEO). It is designed to be used in textile and nonwoven coating formulations for polyester and nylon fabrics. It can be used as a component in tie coats and laminating adhesives. Sancure 20025F can be crosslinked using melamine formaldehyde resins, isocyanate crosslinkers, polyfunctional aziridines or carbodiimides.

**FEATURES AND BENEFITS**

- Adhesion
- Chemical Resistance
- Crosslinkable
- Flexible
- Softness
- UV Resistance

**CHARACTERISTICS**

Characteristic Name	Value
% Weight Solids	45.5 - 48.5
Appearance	Opaque Liquid
Brookfield Viscosity (cps)	150 max
Elongation (%)	1000
Freeze/Thaw Stability	Protect from Freezing
Tensile (psi or Mpa)	4100 psi
Volatile Organic Compounds (wt. %)	<1.5%
pH Value	7.0 - 8.0

**REGULATORY**

- APEO-Free<sup>1</sup>
- 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
- General Paper & Nonwovens
- Technical Textile Coatings
- Transportation Textile Coatings

## AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

## RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 275 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:

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## DISCLOSURE

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