

**Sancure™ 20072**

Cationic Aliphatic Polyurethane Dispersion

Sancure® 20072 is a tough aliphatic polyether quaternized cationic urethane polymer dispersion. It is co-solvent free and contains no alkyl phenol ethoxylates (APEO-free). Sancure® 20072 is designed to be used in applications where a cationic charge is needed, or stability and non-yellowing are critical. Uses include coatings for film, paper or textiles. Sancure® 20072 can be cross linked using melamine formaldehyde resins, isocyanates and polyfunctional aziridines. Additional cationic additives and salts may be used as needed with this polymer to formulate coatings for improved ink jet printing performance.

**FEATURES AND BENEFITS**

- Chemical Resistance
- Co-Solvent Free
- Crosslinkable
- UV Resistance

**CHARACTERISTICS**

Characteristic Name	Value
% Weight Solids	30.0
Appearance	Translucent white liquid
Brookfield Viscosity (cps)	100 max (#3 spindle @ 20rpm, 25°C)
Charge	Cationic
Density (g/cc @ 25 °C)	1.025
pH Value	6.0
Tensile (psi or Mpa)	3900 psi

**REGULATORY**

- APEO-Free<sup>1</sup>
- Low VOC<sup>4</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.

## 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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