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Reze-Meric™ 3181

Reze-Meric™ 3181 is a high molecular weight, elastomeric film-forming thermoplastic polyurethane.

Product Specifications	
Appearance	Clear
Solids (%)	28 ± 2
Viscosity (@ 25°C)	< 100 cP
Color (Gardner)	2 max.
Solvent	~54% Ethyl Acetate ~17.1% Ethanol ~0.9% Isopropanol

Key Features and Benefits

- ✓ Ultra-low viscosity allows for increased pigment load
- ✓ Extraordinary gloss
- ✓ Tough & durable film formation
- ✓ Nitrocellulose compatible
- ✓ Promotes clean print
- ✓ Very low solvent retention
- ✓ Fast solvent release
- ✓ Maintains flexibility at low temperatures

F.D.A Status

Although there is no section directly referring to non-food contact inks, reference can be made to other sections of the F.D.A. The composition of Reze-Meric™ 3181 conforms to the positive list of the American F.D.A. regulations, Chapter 21, Section 175-105 for laminating adhesives, where the ingredients are separated from the food by a functional barrier.

E.E.C. Status

The individual monomers used in the manufacture of Reze-Meric™ 3181 are listed in the Plastics Directive, Section 1, Part1, 'Authorized Monomers.'

REACH Status

All reactants are REACH pre-registered and as directed to be registered. We have as needed joined the required SIEF's for the reactant. Our only European representative is Info-Care.

Revision Date: Sept 1, 2026

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