

Carboset® AMO 400

Bio-Based Acrylic Modified Oil Copolymer Dispersion

Carboset® AMO 400 is a non-oxidative, self-crosslinking acrylic modified oil copolymer dispersion with 47% renewable content(*). Carboset AMO 400 is APEO free, solvent free and can be formulated to ultra low VOC for wood coatings applications. Carboset AMO 400's patented oil modification brings unique properties to finishes. Its longer open times are combined with fast drying to produce superior wiping stains. Carboset AMO 400 also produces excellent sanding sealers with non-gumming sandability even with high intensity machines along with block and print resistance. Carboset AMO 400 can be used by itself or blended with acrylic or polyurethane dispersions to boost performance and lower the total VOC content of your finish. (*) 47.41 +/-0.16% Biobased Carbon Content (as a fraction of total organic carbon). Verified externally (ASTM D6866-18 Method B)

FEATURES AND BENEFITS

- Block Resistance
- Contains Bio-Based Content
- Fast Drying
- Renewable
- Sandability

CHARACTERISTICS

Characteristic Name	Value
% Volume Solids	36.5-38.5
% Weight Solids	39.0-41.0
Appearance	Translucent Amber Dispersion
Brookfield Viscosity (cps)	<500
Density (g/cc @ 25 °C)	1.05
Density (lb/gal @ 25 °C)	8.75
MFFT (°C)	12
pH Value	7.5-8.5
Volatile Organic Compounds (wt. %)	0.89

REGULATORY

- APEO-Free¹
- Low VOC⁴
- NEP-Free¹
- NMP-Free¹

¹Not intentionally added to the composition of this product

⁴Suitable 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

- Building & Construction Coatings

AVAILABLE REGIONS

- EMEAI
- 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.

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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