

**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-Free<sup>1</sup>
- Low VOC<sup>4</sup>
- NEP-Free<sup>1</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

- 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](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 | Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

## DISCLAIMER

Lubrizol Advanced Materials, Inc. ("Lubrizol") hopes that you have found the information provided helpful, but you are cautioned that this material, including any prototype formulas, is for informational purposes only and you are solely responsible for making your own assessment of appropriate use of the information. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAWS, LUBRIZOL MAKES NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES (WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE), INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR REGARDING THE COMPLETENESS, ACCURACY, OR TIMELINESS OF ANY INFORMATION. Lubrizol does not guarantee how the materials referenced herein will perform in combination with other substances, in any methods, conditions, or processes, with any equipment, or in non-laboratory

environments. BEFORE COMMERCIALIZATION OF ANY PRODUCT CONTAINING THESE MATERIALS, YOU SHOULD THOROUGHLY TEST SUCH PRODUCT, INCLUDING HOW THE PRODUCT IS PACKAGED, TO DETERMINE ITS PERFORMANCE, EFFICACY, AND SAFETY. You are solely responsible for the performance, efficacy, and safety of any products you manufacture. Lubrizol shall not be liable, and you shall assume all risk and responsibility for, any use or handling of any material. Any claims may not be approved in all jurisdictions. Any entity making claims related to these products is responsible for complying with local laws and regulations. Nothing contained herein is to be considered as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner, and it is your sole responsibility to determine if any issues related to patent infringement of any component or combination of components relating to the information provided exists. You acknowledge and agree that you are using the information provided herein at your own risk. If you are dissatisfied with the information provided by Lubrizol, your exclusive remedy shall be to not use the information.

## COPYRIGHTS

Trademarks owned by The Lubrizol Corporation or its affiliates. © The Lubrizol Corporation 2022, All Rights Reserved.