

ECOVAE® 405

A HIGH-PERFORMANCE VAE EMULSION

THE ULTIMATE IN WET SCRUB RESISTANCE

EcoVAE® 405 is a state-of-the-art vinyl acetate/ethylene emulsion polymer designed to formulate high-performance, environmentally-friendly paints. EcoVAE® 405 has very low odor and is APE-free to help meet current and emerging green certifications.

Formulated with the right raw materials, EcoVAE® 405 is capable of producing coatings that have VOC <10 g/L, while still offering high wet scrub resistance. The good pigment binding characteristics of this binder will help create paints with excellent scrub resistance in high-PVC formulations.

Typical Properties*	
Solid content	55%
Viscosity	75 - 450 cP
Average particle size	275 nm
Tg	13°C
MFFT	0°C
pH	5.0
APE-free	Yes
Film on glass	Clear

*These values are typical and do not constitute specifications.

Celanese

222 W. Las Colinas Blvd., Irving, TX 75039
 t: +1-877-832-7782 (Technical Service)
 t: +1-800-845-0940 (Customer Service)
 w: celanese.com/emulsion-polymers

Celanese Emulsions Technical Center

8040 Dixie Highway, Florence, KY 41042
 e: emulsionstechservice@celanese.com

Copyright © 2019 Celanese or its affiliates. All rights reserved. Celanese®, registered C-ball design and all other trademarks identified herein with the ®, TM, SM, unless otherwise noted, are trademarks of Celanese or its affiliates.

This publication was printed April 2019 based on Celanese's present state of knowledge, and Celanese undertakes no obligation to update it. Because conditions of product use are outside Celanese's control, Celanese makes no warranties, express or implied, and assumes no liability in connection with any use of this information. Nothing herein is intended as a license to operate under or a recommendation to infringe any patents. EMUL-031-EcoVAE405-SS-EN-r1-0118

This versatile emulsion can be used to make high-quality DIY and commercial interior paints. Contractors will appreciate the good wet edge and excellent touch-up capabilities. DIY consumers will value the binder ability to create low-odor, highly-durable coatings.

APPLICATIONS

- Environmentally-friendly coatings
- Paints where high durability is required

KEY FEATURES

- APE-free
- Low VOC-capable
- Low odor
- Low residual monomer content
- Excellent scrub resistance
- Very good wet edge
- Excellent touch up characteristics

