

# ECOVAE® 401

## VINYL ACETATE/ETHYLENE (VAE) EMULSION

### FORMULATE HIGH-PERFORMANCE, ENVIRONMENTALLY-FRIENDLY INTERIOR COATINGS

EcoVAE® 401, part of the EcoVAE® line of products, addresses both emerging regulatory issues and performance requirements. This emulsion can be formulated into low-odor DIY architectural coatings with high scrub resistance preferred by consumers. (Scrub cycle tests are shown on back page.) Contractor coatings made with EcoVAE® 401 offer very good wet edge and excellent touch-up characteristics. It is a versatile emulsion that can also be used across a range of sheens from flat to semi-gloss.

EcoVAE® 401 can be used to achieve VOC levels of < 10 g/L in paint formulations..

This VAE emulsion allows formulators to achieve low-temperature film formation and required film durability of high-quality paints without using additional solvents.

Typical Properties*	
<b>Solid content</b>	55%
<b>Viscosity</b>	75 - 450 cP
<b>Average particle size</b>	225 nm
<b>Tg</b>	13°C
<b>MFFT</b>	0°C
<b>pH</b>	5.0
<b>APE-free</b>	Yes
<b>Film on glass</b>	Clear

\*These values are typical and do not constitute specifications.

### BREATHE EASY WITH ECOVAE® EMULSIONS

The EcoVAE® line has been developed with the North American paint market in mind. Consumers today are more environmentally-conscious than ever, and VOC limits are continuing to reduce even further. Contractors desire a paint that has good touch-up, while consumers demand a high-quality paint at a reasonable price. As a global leader in high-performance, low-emission coating solutions, Celanese has the technology and experience to effectively address these issues.

### APPLICATIONS

- Interior coatings
- Environmentally-friendly coatings

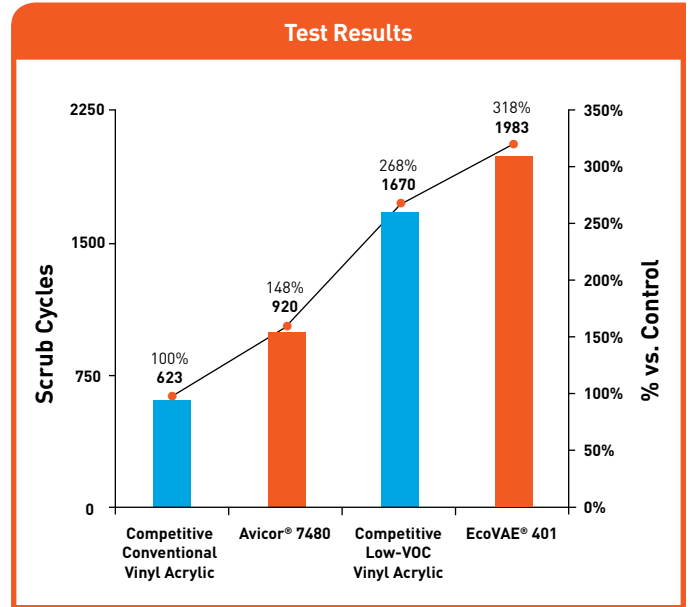
### KEY FEATURES

- Environmentally-friendly
- Low odor
- Low VOC-capable
- APE-free
- Excellent scrub resistance
- Excellent touch-up



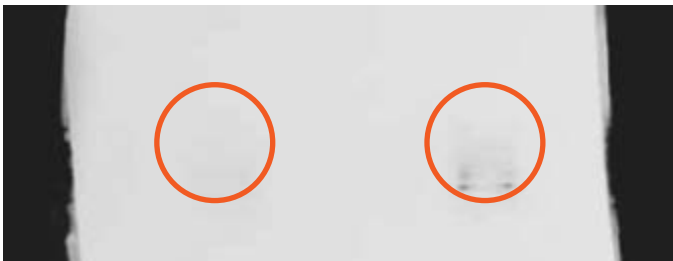


**SCRUB CYCLE**



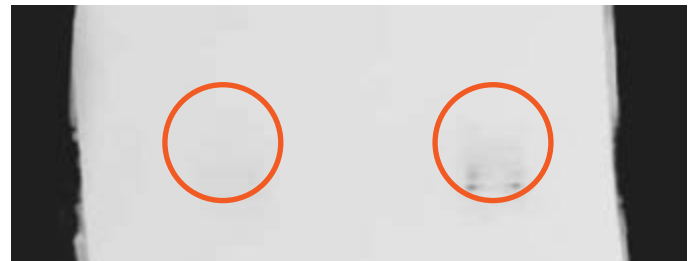
55 PVC consumer flat, <50 g/l

**SCRUB TEST**



**EcoVAE® 401**                      **Competitor product**

55 PVC flat paint, 0 g/l VOC - scrub test to failure



**EcoVAE® 401**                      **Competitor product**

55 PVC flat paint, <50 g/l VOC - scrub test to failure

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