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.

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

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

*These values are typical and do not constitute specifications.
**SCRUB TEST**

EcoVAE® 401

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

Competitor product

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

*Celanese*

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