

## Technical Data Sheet

# Nacrylic<sup>®</sup> 4401 Emulsion (25-4401)



### Description:

- Soft acrylate copolymer emulsion

### Features:

- EcoFriendly
- Compatible with cationic additives
- Imparts drapeability and delamination resistance

### Benefits:

- Heat sealable
- Films are water redispersable<sup>3</sup>
- Ideal for skin contact applications

### FDA Requirements:

- Compliant with FDA regulations 21 CFR 175.105, 21 CFR 176.170, and 21 CFR 176.180.

### Storage & Handling:

- Shelf life is approximately six months at 77° F.
- Consult MSDS for important health, safety and handling information before using this product.
- Consult Celanese's *Storing, Handling and Preserving Emulsion Products* brochure.

### Typical Properties

Tg <sup>1</sup>	-23°
Solids	49%
pH	5.0
Viscosity <sup>2</sup>	450 cps
Particle charge	Nonionic
Density	8.6 lbs/gal

<sup>1</sup> Glass Transition Temperature

<sup>2</sup> Brookfield RVF Viscosity (No. 2 sp., 20 rpm, 22°C)

<sup>3</sup> External crosslinking agents will boost wet strength and solvent resistance

**Version: June 2012**

8040 Dixie Highway, Florence, KY 41042 • Technical Service 877-832-7782 • Customer Service: 800-845-0940  
emulsionstechservice@celanese.com • www.celanese-emulsions.com

To the best of our knowledge, the information contained herein is accurate. To the extent permitted by applicable law, all warranties and/or representations, express or implied, as to the accuracy of the information are disclaimed, and neither Celanese nor any of its affiliates assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material and whether there is any infringement of patents is the sole responsibility of the user. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards may be described in this publication, we cannot guarantee that these are the only hazards that exist. Users of any chemical should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely. In addition, no certification or claim is made as to the status, under any law or regulation, including but not limited to the Toxic Substances Control Act of either the chemicals discussed above or any subsequent polymerization or reaction products that result from a formulation containing them.

©2012 Celanese International Corp.

Celanese, the C-ball design and Nacrylic are registered trademarks of Celanese International Corp.