



Distributed in the Interest
of Product Development

VANDERBILT

Minerals Technical Data

DARVAN[®] 821-A Dispersing Agent

Ammonium Polyacrylate
for Ceramic Bodies

DARVAN 821-A is a pale yellow solution of ammonium polyacrylate.

PHYSICAL PROPERTIES

Molecular Weight:	3500
Total Active Solids:	40%
Percent Ash (typical):	0.01%
Density at 25°C:	1.25 Mg/m ³
Weight Per Gallon:	9.8 lb.
pH at 25°C:	7.0 to 8.0
Viscosity at 25°C:	50 kPa·s (50 cps)
Solubility:	Very soluble in water systems.
Stability:	Stable in the presence of acids and alkalis over a wide pH range.
Storage:	Product should be stored above 10°C (50°F). Partial freezing does not affect the product's dispersing properties.

APPLICATIONS

DARVAN 821-A is primarily recommended for use in the electronic and specialty ceramic fields where a low soda content is required.

Registered and pending trademarks appearing in these materials are those of Vanderbilt Minerals, LLC. For a complete listing, please visit [Trademark Listing](#). rev10/10/2014

Vanderbilt Minerals, LLC, 33 Winfield Street, P.O. Box 5150, Norwalk, CT 06856-5150
Telephone: (800) 562-2476 - Fax: (203) 855-1220 - Web Site: vanderbiltminerals.com

Before using, read, understand and comply with the information and precautions in all applicable Safety Data Sheets, labels and other product literature. The information presented herein, while not guaranteed, was prepared by technical personnel and, to the best of our knowledge and belief, is true and accurate as of the date hereof. No warranty, representation or guarantee, express or implied, is made regarding accuracy, performance, stability, reliability or use. This information is not intended to be all-inclusive, because the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. The user is responsible for determining the suitability of any material for a specific purpose and for adopting such safety precautions as may be required. Vanderbilt Minerals, LLC does not warrant the results to be obtained in using any material, and disclaims all liability with respect to the use, handling or further processing of any such material. No suggestion for use is intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patent, trademark or copyright or to violate any federal, state or local law or regulation.