

Acronal[®] V 278 na

Chemical Nature

Aqueous acrylate-vinyl acetate copolymer dispersion used for the manufacture of flooring adhesives and sealants

Properties

Typical Properties

Solids content	%	~ 65.0
pH		~ 4.5
Viscosity at 23 °C (Brookfield RV, Spindle#2, at 50 rpm)	mPa s	~ 200

Application

Fields of application

Acronal V 278 na is intended for the manufacture of water-based flooring adhesives for laying PVC floor coverings and carpets with many different backings. Such adhesives show high tack, good quick grab, heat stability, good plasticizer migration resistance, and excellent filler acceptance. Acronal V 278 na can also be used for the production of dispersion-based sealants. Sealants based on Acronal V 278 na show high elastic recovery and good low-temperature flexibility.

Processing

Acronal V 278 na is processed together with fillers in usual mixers. Vacuum planetary mixers have proven suitable for producing sealants. In order to gain the optimal filler acceptance, the dispersion should be raised to a pH of 8 by means of a 10% sodium hydroxide solution and stabilized by means of Dispex AA 4935 or similar material. Acronal V 278 na exhibits self-thickening when neutralized to pH levels above approximately 7.5, resulting in potential thickener cost savings.

Conventional defoamers can be used for inhibiting foam formation. It is usually sufficient to add 0.05 - 0.2% of defoamer, calculated on the sealant or adhesive mix.

Adhesives and sealants based on Acronal V 278 na should be blended with a preservative in order to protect them against the attack of microorganisms. The suitability of the preservative must be determined by trials and controlled at regular intervals.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Acronal V 278 na.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

Important

WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, THEY ARE PROVIDED FOR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, BASF RECOMMENDS THAT THE READER MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR A PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF BASF'S TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTIONS, DESIGNS, DATA OR INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT THE READER'S RISK.

Acronal is a registered trademark of BASF Group.

© BASF Corporation, 2025



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.

For more information on Responsible Care® go to:

U.S.: www.basf.us/responsiblecare_usa

Canada: www.basf.us/responsiblecare_canada

México: www.basf.us/responsiblecare_mexico

BASF Corporation

Dispersions and Resins

11501 Steele Creek Road

Charlotte, North Carolina 28273

Phone: (800) 251 – 0612

Email: CustCare-Charlotte@basf.com

www.basf.us/dpsolutions