

VINNAPAS[®] SAF 608

Polymer Dispersions

VINNAPAS[®] SAF 608 is a fine-particle-sized dispersion of a styrene/acrylic acid ester copolymer in water with a solids content of 50%.

VINNAPAS[®] SAF 608 is manufactured without using coalescent, organic solvents, plasticizers or alkyl phenol ethoxylate (APEO) containing compounds.

Properties

- Excellent penetration into porous substrates
- Great Flexibility
- Produced without the use of APEOs

Technical data

Specification

Property	Condition	Value	Method
Content Solids	-	49 - 51 wt. %	DIN EN ISO 3251
pH	-	7 - 8	DIN/ISO 976
Viscosity, dynamic	23 °C Brookfield, spindle 3 / 20 rpm	700 - 3000 mPa·s	DIN EN ISO 2555

General Characteristics

Property	Condition	Value	Method
Filler and pigment compatibility	-	very good	specific method
Protective colloid / emulsifier system	-	surfactants	-
Predominant particle size	-	approx. 100 nm	specific method
Frost resistance	-	protect from freezing	specific method
Minimum film forming temperature	-	approx. 0 °C	DIN ISO 2115
Density	20 °C	approx. 1.03 g/cm ³	ISO 2811

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Exterior Paints
- Primer for Paints

Application details

VINNAPAS® SAF 608 is ideal suitable for surface preparation with excellent penetration and consolidation power. VINNAPAS® SAF 608 can be used to formulate pigmented and unpigmented primers as well as paints, silicon resin and dispersion renders without using coalescent.

Additional information

If the product is used in applications other than those mentioned, the choice, processing and use of the product is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

For questions concerning food contact status according the chapter 21 CFR (US FDA) and German BfR, please feel free to contact us.

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Packaging and storage

Storage

When the dispersion is stored in tanks, proper storage conditions must be maintained. VINNAPAS® SAF 608 has a shelf life of 6 months starting from the date of receipt if stored in the original, unopened containers at temperatures between 5 and 30 °C. Iron or galvanized iron containers and equipment are not recommended. Corrosion could result in discoloration of the dispersion or blends made from it in further processing. We therefore recommend the use of containers and equipment made of ceramic, rubberized or enameled materials, appropriately finished stainless steel, or plastic (rigid PVC, polyethylene or polyester resin).

As polymer dispersions may tend to superficial film formation, skins or lumps may be formed during storage or transportation. A filtration process is thus recommended prior to utilization of the product.

Preservation for transport, storage and further processing

VINNAPAS® SAF 608 is adequately preserved during transportation and storage if kept in the original, unopened containers. When stored in tanks, the dispersion should be modified with a preservative to prevent microbial contamination. Suitable measures should be taken to ensure that the tanks are properly clean. In storage tanks in which the product is not stirred, it is advisable to cover the surface of the dispersion with 1 - 2 cm of water, to which a preservative has been added. This will prevent skin formation and microbial contamination. In the case of storage in silos, it is important that the air drawn into the silo when the product is discharged is also kept free of germs. As a rule, all finished products manufactured from polymer dispersions also require preservation. The type and extent of preservation will depend on the raw materials used and the anticipated sources of contamination. The compatibility and effectiveness of the preservatives should be checked for a given formulation. Preservative manufacturers will be able to advise you on the type and amount of conservation agent to use.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. These are available on request from WACKER sales offices or may be downloaded from the WACKER Web site www.wacker.com/vinnapas.

QR Code VINNAPAS® SAF 608



For technical, quality or product safety questions, please contact:

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