

NEOCAR® LATEX 493

VINYL VERSATATE-CONTAINING LATEX FOR EXTERIOR INSULATING FINISHING SYSTEMS



Product Description

NEOCAR® Latex 493 is designed for use as a binder for exterior insulation and finish systems (EIFS) and as a cement modifier. Because it is cement compatible, it offers excellent performance in EIFS cementitious basecoats and adhesives. It imparts good exterior durability in an EIFS finish coat it exhibits good high-temperature pot life and good flexibility.

As a family, NEOCAR® latexes are latex polymers based on vinyl acetate / acrylic monomers, enhanced by the addition of vinyl versatate, a highly branched vinyl ester monomer, thus creating a unique terpolymer. The vinyl ester imparts excellent water and alkali resistance, as well as UV resistance. These vinyl versatate-containing latexes display a good balance of performance properties, and may be formulated to offer a cost-effective alternative to all-acrylic latexes without sacrificing performance.

NEOCAR® Latex 493 displays outstanding hydrolytic stability, water resistance and binding efficiency. The polymer is especially well suited for use in coatings for cement-based surfaces and provides excellent durability.

Polymer Design

- Acrylic, vinyl acetate, vinyl versatate terpolymer

Performance Benefits

- Good high-temperature pot life
- Good water-resistive properties
- Good adhesion to a variety of substrates
- Cement compatible

Typical Properties¹

Total Solids, % by weight	55.0
Latex Weight per Gallon, lb	9.1
pH Value	4.0
Particle Size, microns	0.3
Viscosity, Brookfield, cP	50
Glass Transition Temperature (Tg), °C	5

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.



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Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: www.arkemacoatingresins.com

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand, and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 4-40°C.



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