

TECHNICAL DATA SHEET

SYNAQUA® 8577

(Formerly SYNAQUA® 821-1377)

*Modified alkyd dispersion***PRODUCT APPLICATION DETAILS**

SYNAQUA® 8577 is a fast dry short oil chain stopped acrylic modified alkyd dispersion designed for low VOC architectural and industrial applications. SYNAQUA® 8577 is suitable for very low HAPs applications. SYNAQUA® 8577 does not contain any surfactants or plasticizers.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	39 - 41 %	-
pH	7.5 - 8.5	-
Viscosity	200 - 1500 cP	-

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Appearance	Milky	-
Volatile	2.75% Pn-P	-
Density	8.6 - 8.8 lbs/gal	-
Average particle size	Typically < 100 nm	-

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

MARKETS**Coatings & Inks**

- Architectural Coating
 - Stains
 - Trim
- Industrial Coating
 - General Industry

PERFORMANCE BENEFITS

- Fast dry
- High gloss
- Early water resistance
- Excellent adhesion to wood, plastic and metal substrates
- Very good wet adhesion to wood

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FORMULATION GUIDELINES

<u>RECOMMENDATIONS OF USE</u> Architectural Topcoats
Industrial Topcoats, Porch and Deck Stains

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNAQUA® 8577 - When storing and handling follow procedures 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 40 to 90 °F (4 -32 °C). Packaged material should be stored indoors in a dry place in the original unopened and undamaged container. Exposure to direct sunlight should be avoided. The product is protected to prevent microbial deterioration during normal storage conditions; however, care should be taken to avoid accidental contamination during subsequent handling and processing. Bulk storage and handling practices are described in the Arkema Latex Storage and Handling Guide. For a copy of this guide contact Arkema.

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

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