

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

FORMULATION GUIDELINES

RECOMMENDATIONS OF USE 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.