

TECHNICAL DATA SHEET

SYNAQUA® 9802 (Formerly CHEMPOL® 210-0501)

Oil free polyester

PRODUCT APPLICATION DETAILS

SYNAQUA® 9802 is a water-reducible polyester resin with good flexibility, high hardness, rapid cure response, excellent color and gloss retention, good solubility in water and co-solvent, and good hydrolytic stability. SYNAQUA® 9802 is intended for general industrial metal coatings and lithographic inks.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	99-100 %	-
Viscosity	solid Gardner Holdt	-
Reduced viscosity (75% in Butoxyethanol)	Y-Z1	-
Color	3 Gardner	-
Acid value	55 - 60 mg KOH/g	-

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Butoxyethanol	-
Density	9.8 lbs/gal	-
Hydroxyl content	3.3 %	-
Hydroxyl number	109	-

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

MARKETS & APPLICATIONS

Composites & Advanced Materials

- Graphic Arts
 - Inks

Coatings & Inks

- Industrial Coating
 - Packaging Coating Metal (Can And Others)

PERFORMANCE BENEFITS

- Good flexibility
- High Hardness
- Rapid cure response
- Excellent color and gloss retention
- Good solubility in water and co-solvent
- Good hydrolytic stability.

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FORMULATION GUIDELINES

RECOMMENDATIONS OF USE

General industrial and metal coatings
Ink - lithographic

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNAQUA® 9802 - Packaged products should be stored in a dry indoor location. The material should be stored in the original, unopened and undamaged container at storage temperatures not exceeding 85° F (30° C). Exposure to direct sunlight should be avoided. For assistance with the best practices for bulk shipment storage and handling contact Arkema.

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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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