

TECHNICAL DATA SHEET

SYNAQUA® 811 S 48

Thermoset acrylic

PRODUCT APPLICATION DETAILS

SYNAQUA® 811 S 48 is an aqueous solution of a high molecular weight acrylic polymer, developed for use in water-soluble stoving systems. When used at low concentrations, it is effective in eliminating cissing and a related effect in deposited films, and is particularly recommended where water based coatings are applied to slightly greasy surfaces.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	46 - 50 %	ISO 3251
pH (pH of 10% solution)	9.5 - 10.5	-
Viscosity (at 17 s ⁻¹) (25°C)	700 - 1500 mPa.s	ISO 3219
Color	2 max Gardner	ISO 4630

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Clarity	Slight haze permitted	-
Solvent	Mixed alcohols / water	-
Flash point	35 °C	ISO 3679

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

MARKETS

Coatings & Inks

- Industrial Coating
 - General Industry
 - Packaging Coating Metal (Can And Others)
 - Protective Coating
 - Rigid Packaging Metal (Can & Others)

SYNAQUA® 811 S 48

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNAQUA® 811 S 48 should be stored indoors in the original, unopened and undamaged container, in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided. The product is protected to prevent any microbial deterioration during normal conditions of storage but care should be taken to avoid accidental contamination during subsequent handling and processing. In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

Shelf Life (Months): 6

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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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