

## TECHNICAL DATA SHEET

# SYNAQUA® 8953 BE 70 (Formerly CHEMPOL® 910-0453)

### PRODUCT APPLICATION DETAILS

SYNAQUA® 8953 BE 70 is a high solids water-reducible styrene-modified soya epoxy ester with good corrosion and humidity resistance, for use in auto OEM underhood and industrial metal primers. Good corrosion and humidity resistance. Compatible with melamine/urea formaldehyde resins, water reducible resins and acrylic emulsions

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	70 %	-
Viscosity	Z5-Z6+ Gardner Holdt	-
Reduced viscosity (50% in Butoxyethanol)	T-V Gardner Holdt	-
Color	6 Gardner	-
Acid value	67 mg KOH/g	-

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Solvent	Butoxyethanol	-
Density	8.4 lbs/gal	-
Hydroxyl content	2.7 %	-
Hydroxyl equivalent weight	630	-
Hydroxyl number	89	-

<sup>1</sup>The 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
  - Automotive - OEM
  - General Industry

### PERFORMANCE BENEFITS

- Good adhesion and corrosion resistance
- Good humidity resistance
- Compatible with melamine / urea formaldehyde resins
- Good compatibility with other water reducible resins
- Good compatibility with acrylic emulsions

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## FORMULATION GUIDELINES

### RECOMMENDATIONS OF USE

Agricultural Coatings  
Auto – OEM underhood  
Metal – Industrial primers

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

SYNAQUA® 8953 BE 70 - 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.

**Arkema Coating Resins**  
410 Gregson Dr.  
Cary, NC 27511 – USA  
T +1 919 469 6700

**Headquarters: Arkema France**  
51, Esplanade du Général de Gaulle  
92800 Puteaux – France  
T +33 (0)1 49 00 80 80

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