

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 CHARACTERISTICS¹

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

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
 - 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

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

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

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.

Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790

ARKEMA