



STEPANPOL®

Product Bulletin

PRODUCT NAME

STEPANPOL® BC-180

PRODUCT DESCRIPTION

STEPANPOL BC-180 natural oil-diethylene glycol-phthalic anhydride-based polyester polyol.

PERFORMANCE HIGHLIGHTS

STEPANPOL BC-180 can be used in formulating urethane coatings, adhesives, sealants, and elastomers. This product exhibits hydrolysis resistance, very good thermal stability, and low polyol viscosity. It may promote adhesion to a variety of metal and plastic substrates. In flexible packing adhesives, it may provide excellent adhesion under retort conditions. It may provide a good hardness/flexibility balance and may promote pigment wetting.

TYPICAL PROPERTIES

Hydroxyl Number, mg KOH/g _____ 180
Water, % by wt., max. _____ 0.08
Acid Number, mg KOH/g, max. _____ 1.5
Color, Gardner, max. _____ 5

Equivalent Weight _____ 306
Functionality _____ 2.25
Viscosity at 77 °F (25 °C), cP _____ 3,300
Density at 77 °F (25 °C), lb/U.S. gal _____ 9.1

STORAGE

STEPANPOL BC-180 has a retest period of 24 months in unopened containers.
Storage in sealed containers at temperatures of 60-95 °F (15-35 °C) is recommended.

CLEARANCE STATUS

STEPANPOL BC-180 is listed on TSCA.
STEPANPOL BC-180 is approved for use under 21 CFR 175.105, 177.1390 and 177.1395 without limitations.

CAS NUMBER

Accession Number: AN262910

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ADDITIONAL SAFETY INFORMATION

A Material Safety Sheet is available upon request.

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