

PRODUCT NAME

STEPANPOL® PH-56

PRODUCT DESCRIPTION

STEPANPOL PH-56 is a 1,6-hexanediol-phthalic anhydride-based polyester polyol.

PERFORMANCE HIGHLIGHTS

This product can be used in formulating urethane coatings, adhesives, sealants, and elastomers. This product exhibits excellent hydrolysis resistance, very good thermal stability and primary hydroxyl advantage. It may promote adhesion to a variety of metal and plastic substrates. It exhibits good flexibility, surface hardness and clarity in urethanes.

TYPICAL PROPERTIES

Hydroxyl Number, mg KOH/g	56
Water, % by wt., max.	0.05
Acid Number, mg KOH/g, max.	1.0
Color, Gardner, max.	1.0
Equivalent Weight	1002
Glass Transition Temperature, °C (pure polyol)	-15
Functionality (eq./mol., calculated)	2.0
Viscosity at 176 °F (80 °C), cP	2,885
Density at 80 °F (26 °C), lb/U.S. gal	9.68
Specific Gravity at 80 °F (26 °C)	1.16

STORAGE

STEPANPOL PH-56 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

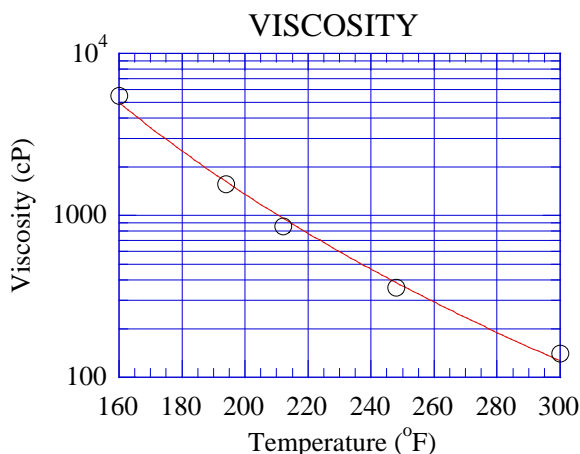
STEPANPOL PH-56 is on the Toxic Substances Control Act (TSCA) Inventory.

CAS NUMBER

54797-78-3

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VISCOSITY: VARIATION WITH TEMPERATURE



A Material Safety Sheet is available upon request.

All polyurethane foam burns in varying degrees, which in turn liberates toxic gases; the foam should be evaluated in its final form for compliance to existing standards in your industry. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

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