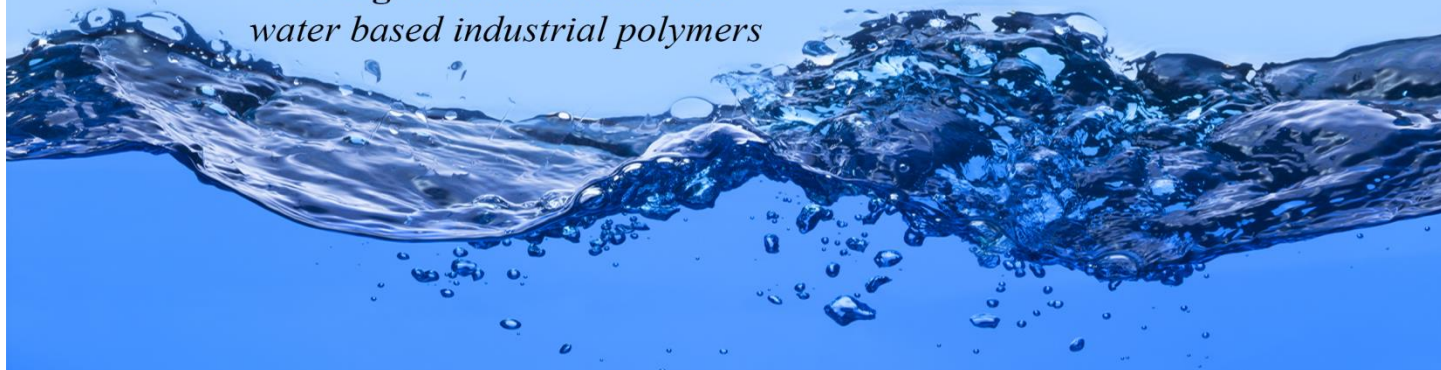




Gellner Industrial, LLC
105 Tide Road, Hometown, PA 18252
PHONE: 570-668-8800
www.gellnerindustrial.com
water based industrial polymers



Ottopol SX-50 Technical Data Sheet

Product Specifications

Description ---- Self Cross-linking Acrylic Emulsion	Appearance----- Translucent Emulsion
Solids-----40.0 - 42.0%	Specific Gravity ----- 1.054
pH----- 8.0 - 9.0	Weight/Gallon -----8.79
Viscosity ----- 500 - 1500 cps	Freeze Thaw Stability ----- Keep from Freezing
Flash Point----- Same as Water	FDA Status ----- None
Glass Transition Temperature ----- 0 Degrees C	USDA Status----- None

ALKALI RESISTANCE

The dry resin is resistant to alkali with the use of a internal cross-linking mechanism. Inks will not be effected by the high pH of the detergent cleaner. The polymer will exhibit resistance to solvents, such as diluted alcohol solutions.

ADHESION TO SUBSTRATES

Inks have exceptionally good adhesion to plastic films: Mylar, PVC, and polystyrene. Adhesion to foil and other metallic surfaces is excellent.

BLOCK and SCUFF RESISTANCE

Due to internally cross-linked mechanism block resistance and scuff is improved over conventional vehicles

IMPROVED FLOW, LEVELING & OPEN TIME

The SX-50 provides excellent resolubility properties for flexo and gravure printing applications. The flow and leveling characteristics will provide a high gloss finish. The resin provides non-curling properties on paper.

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