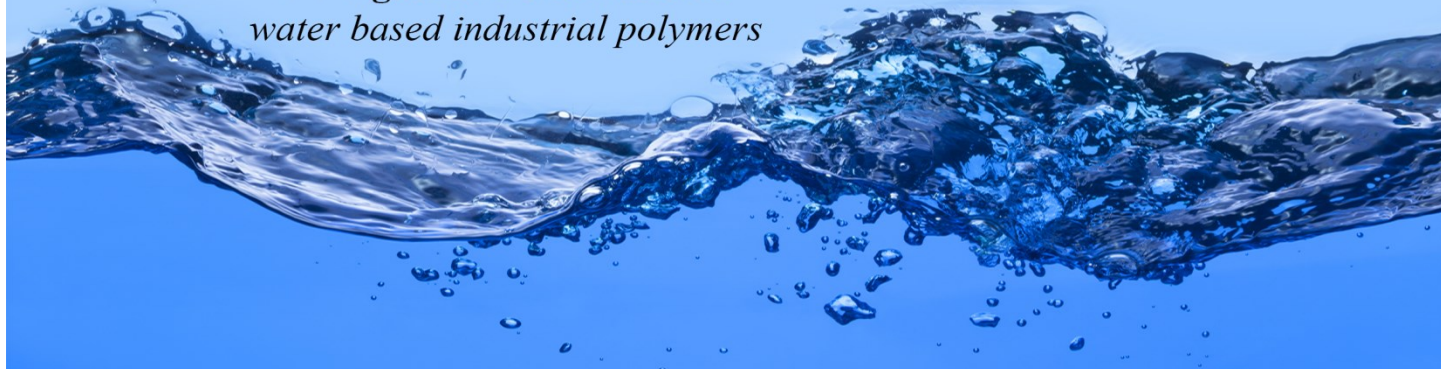




**Gellner Industrial, LLC**  
**105 Tide Road, Hometown, PA 18252**  
**PHONE: 570-668-8800**  
**www.gellnerindustrial.com**  
*water based industrial polymers*



## Ottopol K-65 Technical Data Sheet

---

### Product Specifications

Description -----	Cationic Acrylic Emulsion	Appearance-----	Translucent Emulsion
Solids-----	35.0 - 37.0%	Specific Gravity -----	1.0432
pH-----	5.0 - 6.0	Weight/Gallon -----	8.70
Viscosity-----	200 - 800 cps	Freeze Thaw Stability -----	Keep from Freezing
Flash Point-----	Same as Water	FDA Status-----	None
Glass Transition Temperature -----	81 Degrees C	USDA Status-----	Yes

### INSOLUBLE IN ALKALI

Ottopol K-65 is a hard cationic acrylic emulsion. Non- ionic pigment concentrates can be let down with K-65 to produce printing inks and coatings. A clear coating or overlay varnish may be formulated as well. The addition of a coalescent solvent such as Texanol will aid in film formation.

### ALKALI RESISTANCE

The dry resin is impermeable to alkali without the use of crosslinking agents. Inks and overlay varnishes for soap boxes and household paper towels will not be effected by the high pH of the detergent cleaner used with the paper towels.

### ADHESION TO SUBSTRATES

The positive charge allows inks and coatings to have exceptionally good adhesion to plastic films: Mylar, PVC, and polystyrene. Adhesion to foil and other metallic surfaces is excellent.

### IMPROVED FLOW, LEVELING & OPEN TIME

When Ottopol K-65 is formulated with K-633 it has improved flow, leveling and open time over Ottopol K-362.

All product information contained in our product literature as well as any suggestions for use of our products contained in that literature, is based on information we believe to be reliable. However since particular conditions and methods of use involved in a particular product application are beyond our control, any such information is to be regarded as merely suggestive and should be verified by each user. Any suggestion made regarding the use of our products should not be construed as any authorization to infringe on patents, trademarks or similar rights of others.

Gellner Industrial, LLC, warrants that its products have been manufactured with due care, are free of defects in material or workmanship, and conform to the specifications stated in the data sheets applicable to each product or to specifications otherwise explicitly agreed upon in a writing which refers to this warranty. **THIS WARRANTY IS IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE.**

Gellner Industrial, LLC, Inc.'s liability under this warranty is limited to replacing, free of charge, any product that is found upon examination by Gellner Industrial, LLC, to be defective. **Gellner Industrial, LLC, SPECIFICALLY DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL DAMAGES.** It is strongly recommended that a prospective user of one of our products verify the suitability of that product for a given application before its use in production.