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water based industrial polymers

Ottopol K-65 Technical Data Sheet

Product Specifications

Description-----Cationic Acrylic Emulsion

Solids-----35.0 - 37.0%

pH-----5.0 - 6.0

Viscosity-----200 - 800 cps

Flash Point-----Same as Water

Glass Transition Temperature-----81 Degrees C

Appearance-----Translucent Emulsion

Specific Gravity-----1.0432

Weight/Gallon-----8.70

Freeze Thaw Stability-----Keep from Freezing

FDA Status-----None

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.

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