

K-STAY[®] 740
**Associative Urethane Thickening
Agent**



Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-1268
E-Mail: coatings@kingindustries.com

ADVANTAGES: K-STAY 740 is hydrophobically modified urethane thickener with pseudoplastic characteristics. It is a free flowing 100% active powder which allows the formulator greater versatility in handling.

TYPICAL PROPERTIES:	Appearance	White powder
	% Solids	100
	Density (Bulk)	4.17 lbs./gal.
	Volatile	none
	Melting Point	55 - 57°C

SOLUBILITY: Limited solubility in water, glycol ethers and alcohols.

APPLICATIONS: Effective in aqueous paints and primers. K-STAY 740 provides thickening at all shear rates, which allows versatility when more than one type of application method may be employed, such as in industrial maintenance coatings. For more "high shear" viscosity build, K-STAY 710 should be used with K-STAY 740.

**TYPICAL USAGE
LEVELS:** 0.2 to 1.0% as supplied based on total formulation weight if used as the sole thickener.

INCORPORATION: K-STAY 740 can be added directly to the pigment grind. If post addition is required, a pourable aqueous gel of 3% can be prepared on a high-speed disperser. If higher concentration pre-gels are needed, addition of a hydrophilic glycol ether or high HLB surfactant will help keep the viscosity down.

SHELF LIFE: Minimum of 12 months from date of manufacture when stored at ambient temperatures in the original container.

**HANDLING &
STORAGE:** K-STAY 740 is non-regulated but safe handling of this product should include the use of safety glasses and gloves. Refer to the MSDS for detailed information.

REGULATORY: K-STAY 740 is TSCA, EINECS, MITI and AICS listed and complies with FDA 21CFR 175.105 and 175.300.