

## Ketonic Resin HUK-0009

### Description:

HUK-0009 is a ketonic resin with increased OH-reactivity. It is a very efficient modifier for optimizing the mechanical and optical properties of coating films. Solvent release is very fast when using HUK-0009. Its high degree of polarity especially improves adhesion, pigment wetting and gloss.

HUK-0009 is soluble in a wide range of alcohols, ketone solvents and in Phenoxyethanol. The material shows excellent compatibility with other binders like NC, maleic resins, phenolic resins, epoxy resins or alkyds (short & medium oil).

### Application:

HUK-0009 can be used in Cellulose lacquers, ball point pen inks, nail varnishes or surface coatings.

### Use recommendation:

Recommended addition level is 5 – 10 % (by weight).  
Prior to addition material should be dissolved in corresponding solvent.  
Material can be used in grinding or in let-down step.

### Typical properties:

| Property                                | Typical value     |
|---|-------------------|
| Appearance                              | Pale yellow lumps |
| Viscosity @ 30 °C, FCB, 50 % in Ethanol | 20 – 22           |
| Acid value [mg KOH/g]                   | 0 – 1             |
| Hydroxyl value [mg KOH/g]               | 260 – 290         |
| Softening point (capillary method) [°C] | 81 – 91           |

### Storage:

It is strictly recommended to store the material under dry conditions and to process it quickly once the bag is opened. Typical storage temperature should be between 15 – 30 °C. The product should be stored under the exclusion of air, light and moisture.

### Shelf Life:

The product has a shelf life of at least 12 months from the date of manufacture.

### Packaging:

25 kg. Paper bags with HDPE liner.