

Amine Synergist 83

Product Description

Amine Synergist 83 is an amine modified polyether acrylate designed for applications requiring low viscosity and fast curing speed like UV overprint varnishes and UV flexographic inks. It exhibits high gloss, good solvent resistance, and low residual odor. Formulated products containing Amine Synergist 83 may be applied via direct or reverse roll, offset gravure, flexographic printing, air knife, immersion, spin and spray coating methods, etc.

Typical properties

Appearance	Clear liquid
Color (Gardner), max.	≤ 2
Viscosity, 25°C, cps	450 - 650
Density, g/ml at 25°C	1.1
Amine value, mg KOH/g	33 ~ 45
Functionality, theoretical	4

Advantages

- Low color and viscosity
- High acrylate functionality
- High gloss
- Rapid cure response
- Good solvent resistance
- Low residual odor

Applications

- UV or EB cured inks, coatings, overprint varnishes
- High gloss coatings on wood, paper, plastics
- Wood fillers

Packing & Storage

- 200kg Metal Drums
- This material should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures below 38°C. Exposure to direct sunlight should be avoided
- Recommended shelf life is 1 year

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.