

## CN2261

## Polyester Acrylate Oligomer

**Description**

CN2261 is an oligomer developed for UV curable wood coating applications, where hardness and abrasion resistance are required. CN2261 demonstrates excellent cure rates.

**Product performance**

ABS/PC Adhesion  
Abrasion Resistance  
Hardness  
Metal Adhesion  
PE/PET/PP/PMMA Adhesion

**Typical values**

Appearance	Clear liquid
Color (Pt/Co or APHA)	<200
Density at 25°C (g/mL)	1.1434
Elongation at break (%)	6
Functionality	3
Refractive Index at 25°C	1.512
Surface Tension at 20°C (mN/m)	37.1
Tensile Strength (MPa)	73
Tg (°C), by DSC	56
Viscosity at 60°C (mPa.s)	2,280
Young Modulus (MPa)	1,868

**Suggested applications**

Flexographic inks  
Overprint varnishes  
Wood coatings

**Shelf life**

Store in the original, closed container in a dry, cool (<38°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is **6** months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided.

Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers; avoid storage under an oxygen-free atmosphere.

**Storage**

See SDS for Storage Considerations

**Health and safety**

See SDS for Health & Safety Considerations



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