

## TECHNICAL DATA SHEET

# CN986

## Aliphatic Urethane Acrylate

### DESCRIPTION

CN986 is a urethane acrylate oligomer that offers superior physical properties and fast cure rates. CN986 has excellent resistance to polar solvents and has good water, acid, and base resistance.



### SHELF LIFE

Store in the original, closed container in a dry, cool (<45°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

### STORAGE

See SDS for Storage Considerations

### HEALTH AND SAFETY

See SDS for Health & Safety Considerations

### LIQUID PROPERTIES

Appearance	Clear liquid
Density at 25°C (g/mL)	1.038
Refractive Index at 25°C	1.482
Functionality	2
Color (Pt/Co or APHA)	<100

### CURED PROPERTIES

Tg (°C), by DSC	-40
Young Modulus (MPa)	22
Elongation at break (%)	130
Tensile Strength (MPa)	10

### PRODUCT PERFORMANCE

Shrinkage  
Flexibility  
Wood Adhesion  
Weatherability  
Metal Adhesion  
Moisture Resistance  
Corrosion Resistance

### SUGGESTED APPLICATIONS

Flexographic inks  
Inkjet inks  
Metal coatings

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