

## TECHNICAL DATA SHEET

# CN1966

## Urethane Acrylate Oligomer

### DESCRIPTION

CN1966 is a high molecular weight, difunctional urethane acrylate. On cure, it can undergo a phase separation process to improve toughness of some formulations.



No Intentionally Added Tin



### 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
Functionality	2
Viscosity at 25°C (mPa.s or cPs)	22100
Density at 25°C (g/mL)	1.1032
Color (Pt/Co or APHA)	<100

### CURED PROPERTIES

Elongation at break (%)	300
Tg (°C) by DMA Tan delta	-39
DMA Storage Modulus, G'(25° C)	19
DMA Loss Modulus (G'') at 25° C, MPa	1
DMA Loss Modulus Peak, ° C	-43
Shore Hardness	24 A

### PRODUCT PERFORMANCE

### SPECIAL FEATURE

Tough

### SUGGESTED APPLICATIONS

Conformal coatings

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