

## TECHNICAL DATA SHEET

# CN964

## Aliphatic Urethane Acrylate

### DESCRIPTION

CN964 is an aliphatic polyester based urethane diacrylate oligomer. It is a resilient oligomer offering good weatherability.



### 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)	1.1042
Refractive Index at 25°C	1.485
Functionality	2
Color (Pt/Co or APHA)	<100

### CURED PROPERTIES

Tg (°C), by DSC	-24
Young Modulus (MPa)	634
Elongation at break (%)	98
Tensile Strength (MPa)	23

### PRODUCT PERFORMANCE

Shrinkage  
Flexibility  
Wood Adhesion  
ABS/PC Adhesion  
Metal Adhesion  
PVC/PS Adhesion  
Weatherability  
PE/PET/PP/PMMA Adhesion  
Moisture Resistance  
Corrosion Resistance

### SUGGESTED APPLICATIONS

3D printing  
Adhesives & sealants  
Electronics  
Flexographic inks  
Inkjet inks  
Screen inks  
Wood coatings

**Headquarter: Arkema France**  
51, Esplanade du Général de Gaulle  
92800 Puteaux – France  
T +33 (0)1 49 00 80 80  
[www.Sartomer.arkema.com](http://www.Sartomer.arkema.com)