

## TECHNICAL DATA SHEET

# CN972

## Aromatic Urethane Acrylate

### DESCRIPTION

CN972 is an aromatic polyether based urethane triacrylate oligomer. It is a flexible oligomer.



### 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	3
Color (Pt/Co or APHA)	<100
Density at 25°C (g/mL)	1.0551
Refractive Index at 25°C	1.4811

### CURED PROPERTIES

Tg (°C), by DSC	-47
Young Modulus (MPa)	7
Elongation at break (%)	17
Tensile Strength (MPa)	1

### PRODUCT PERFORMANCE

Flexibility  
Shrinkage  
Wood Adhesion  
Pigment Wetting  
Metal Adhesion  
Corrosion Resistance

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Electrical potting & encapsulation  
Electronics  
Flexographic inks  
Industrial flooring & waterproofing  
Inkjet inks  
Metal coatings  
Overprint varnishes  
Wood coatings

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