

## TECHNICAL DATA SHEET

# CN9066

## Aliphatic Urethane Acrylate

### DESCRIPTION

CN9066 is a difunctional oligomer that has a low viscosity and offers a good balance of tensile strength and elongation. It imparts low color and good optical clarity.



### 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
Color (Pt/Co or APHA)	30

### CURED PROPERTIES

Tg (°C), by DSC	57
Young Modulus (MPa)	86
Elongation at break (%)	90
Tensile Strength (MPa)	14

### PRODUCT PERFORMANCE

Hardness  
Weatherability  
Stain Resistance  
Shrinkage  
Wood Adhesion  
ABS/PC Adhesion  
Metal Adhesion  
PVC/PS Adhesion  
Abrasion Resistance  
Chemical Resistance  
Moisture Resistance  
Corrosion Resistance  
PE/PET/PP/PMMA Adhesion

### SUGGESTED APPLICATIONS

Metal coatings  
Nail varnishes  
Plastic coatings  
Wood coatings