

## TECHNICAL DATA SHEET

# CN9102

## Aliphatic Allyl Urethane

### DESCRIPTION

CN9102 is a 100% reactive, allylic functional aliphatic oligomer. CN9102 can be used in low temperature or photocured free radical polymerizations as a latent initiator or crosslinker to overcome surface tack due to air inhibitor. CN9102 can be used as a cross-linker-initiator in 2-component peroxide cure coatings at ambient or elevated temperature. Tack-free dry times in 3 - 12 hours at ambient or 10-40 minutes at 65 to 120 °C are attainable. Coatings with good hardness development and good chemical resistance are produced.



### LIQUID PROPERTIES

Appearance	Clear liquid
Color (Pt/Co or APHA)	40
Density at 25°C (g/mL)	1.0095
Viscosity at 25°C (mPa.s or cPs)	15000

### PRODUCT PERFORMANCE

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

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Composites  
Metal coatings  
Wood coatings

### 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

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