

## TECHNICAL DATA SHEET

# CN2921

## Aliphatic Urethane Acrylate Blend

### DESCRIPTION

CN2921 is an oligomer developed for UV curable coating and ink applications where adhesion and excellent weathering resistance are required.



### 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)	<100
Density at 25°C (g/mL)	1.0892
Refractive Index at 25°C	1.474

### CURED PROPERTIES

Tg (°C), by DSC	-13
Young Modulus (MPa)	125
Elongation at break (%)	28
Tensile Strength (MPa)	15

### PRODUCT PERFORMANCE

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

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Inkjet inks

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