

## TECHNICAL DATA SHEET

### CN9018

#### Aliphatic Urethane Acrylate Oligomer

##### DESCRIPTION

CN9018 has been developed for UV/EB-cured laminating and pressure-sensitive adhesives. CN9018 imparts excellent adhesion, flexibility, and water resistance to laminating and pressure-sensitive adhesive formulations - especially those for glass.



Superior weathering performance



##### 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)	0.9999
Functionality	2
Color (Gd)	1

##### CURED PROPERTIES

Tg (°C), by DSC	-55
Young Modulus (MPa)	1

##### PRODUCT PERFORMANCE

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

##### SPECIAL FEATURE

Adhesion promoter

##### SUGGESTED APPLICATIONS

Adhesives & sealants  
Flexographic inks

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