

TECHNICAL DATA SHEET

CN9047

Aliphatic Urethane Acrylate Oligomer

DESCRIPTION

CN9047 is a low viscosity oligomer that imparts high flexibility and softness to formulations without compromising toughness.



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
Density at 25°C (g/mL)	1.008
Color (Pt/Co or APHA)	<50

CURED PROPERTIES

Elongation at break (%)	87.31
Tensile Strength (MPa)	0.483
Tg (°C) by DMA Tan delta	-38
DMA Loss Modulus (G') at 25° C, MPa	0
DMA Loss Modulus Peak, ° C	-43

PRODUCT PERFORMANCE

Weatherability
Corrosion Resistance
Moisture Resistance

SPECIAL FEATURE

Tough

SUGGESTED APPLICATIONS

Electronics

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