

TECHNICAL DATA SHEET

CN9033

Aliphatic Urethane Acrylate Oligomer

DESCRIPTION

CN9033 is a moderate viscosity oligomer that imparts high flexibility and softness to formulations without compromising toughness.



No Intentionally Added Tin



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
Refractive Index at 25°C	1.491
Density at 25°C (g/mL)	1.013
Color (Pt/Co or APHA)	<50

CURED PROPERTIES

Elongation at break (%)	0.58
Young Modulus (MPa)	1
DMA Storage Modulus, G'(25° C)	0.81
DMA Loss Modulus (G'') at 25° C, MPa	0.034
DMA Loss Modulus Peak, ° C	-49.73

PRODUCT PERFORMANCE

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

SPECIAL FEATURE

Tough

SUGGESTED APPLICATIONS

Adhesives & sealants

Arkema Inc
502 Thomas Jones Way
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Arkema France
420, rue d'Estienne d'Orves
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