

TECHNICAL DATA SHEET

CN966H90

Aliphatic Urethane Acrylate blended with EOEOEA (SR256)

DESCRIPTION

CN966H90 is an aliphatic polyester based urethane diacrylate oligomer blended with 10% SR256, 2(2-ethoxyethoxy) ethyl acrylate. It is a highly flexible oligomer offering good weatherability.



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

Functionality	2
Appearance	Clear liquid
Refractive Index at 25°C	1.472
Surface Tension at 20°C (mN/m)	36.6
Density at 25°C (g/mL)	1.0842
Color (Pt/Co or APHA)	<100

CURED PROPERTIES

Tg (°C), by DSC	-35
Young Modulus (MPa)	1
Elongation at break (%)	61
Tensile Strength (MPa)	1

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Adhesives & sealants
Electrical potting & encapsulation
Electronics
Flexographic inks
Inkjet inks
Metal coatings
Overprint varnishes

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