

TECHNICAL DATA SHEET

CN978

Aromatic Urethane Acrylate

DESCRIPTION

CN978 is an aromatic polyether based urethane diacrylate oligomer.



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)	1.0822
Refractive Index at 25°C	1.4882

CURED PROPERTIES

Tg (°C), by DSC	-18
Young Modulus (MPa)	9
Elongation at break (%)	58
Tensile Strength (MPa)	3

PRODUCT PERFORMANCE

Shrinkage
Flexibility
Wood Adhesion
Pigment Wetting
Metal Adhesion
Corrosion Resistance

SUGGESTED APPLICATIONS

Adhesives & sealants
Electronics
Metal coatings
Plastic coatings
Wood coatings

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