

TECHNICAL DATA SHEET

CN971J75

Urethane Acrylate/ Acrylic Ester Blend

DESCRIPTION

CN971J75 is an aromatic ether-based urethane triacrylate oligomer blended with 25% SR506, isobornyl acrylate. It is a resilient oligomer recommended for UV/EB-curable coatings and inks.



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	3
Appearance	Clear liquid
Refractive Index at 25°C	1.489
Density at 25°C (g/mL)	1.0691
Color (Pt/Co or APHA)	<100

CURED PROPERTIES

Tg (°C), by DSC	34
Young Modulus (MPa)	301
Elongation at break (%)	64
Tensile Strength (MPa)	20

PRODUCT PERFORMANCE

Shrinkage
ABS/PC Adhesion
Flexibility
Pigment Wetting
PVC/PS Adhesion
PE/PET/PP/PMMA Adhesion
Wood Adhesion
Hardness
Metal Adhesion
Corrosion Resistance
Scratch Resistance
Abrasion Resistance

SUGGESTED APPLICATIONS

Adhesives & sealants
Flexographic inks
Inkjet inks
Metal coatings
Wood coatings

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