

TECHNICAL DATA SHEET

CN104A75

Epoxy acrylate blended with TPGDA (SR306)

DESCRIPTION

CN104A75 is a difunctional bisphenol A-based epoxy acrylate blended with 25% SR306, tripropylene glycol diacrylate. It provides a good balance of water properties and high reactivity. The base oligomer, CN104, offers the lowest color of Sartomer's bisphenol A based epoxy acrylates.



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
Viscosity at 25°C (mPa.s or cPs)	16000
Density at 25°C (g/mL)	1.1534
Refractive Index at 25°C	1.526
Surface Tension at 20°C (mN/m)	36.4
Functionality	2
Color (Pt/Co or APHA)	<110
Color (Gd)	1

CURED PROPERTIES

Young Modulus (MPa)	580
Elongation at break (%)	3.2
Tensile Strength (MPa)	21

PRODUCT PERFORMANCE

Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Chemical Resistance
PE/PET/PP/PMMA Adhesion
Hardness
Pigment Wetting
Scratch Resistance

SUGGESTED APPLICATIONS

Electronics
Metal coatings
Offset inks
Wood coatings

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