

TECHNICAL DATA SHEET

CN104D80

Epoxy acrylate blended with GPTA (SR9020)

DESCRIPTION

CN104D80 is a difunctional bisphenol A based epoxy acrylate blended with 20% SR9020, glyceryl propoxy triacrylate. It provides a good balance of water properties and high reactivity. 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

Functionality	2
Appearance	Clear liquid
Viscosity at 25°C (mPa.s or cPs)	1100
Refractive Index at 25°C	1.536
Density at 25°C (g/mL)	1.1734
Color (Pt/Co or APHA)	<170

CURED PROPERTIES

Tg (°C), by DSC	75
Young Modulus (MPa)	1834
Elongation at break (%)	5
Tensile Strength (MPa)	54

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Adhesives & sealants
Electronics
Offset inks
Overprint varnishes

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