

## TECHNICAL DATA SHEET

# CN120D80

Epoxy Acrylate blended with GPTA (SR9020)

### DESCRIPTION

CN120D80 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. CN120 offers the lowest viscosity 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
Functionality	2
Color (Gd)	1
Density at 25°C (g/mL)	1.1413
Refractive Index at 25°C	1.5359

### CURED PROPERTIES

Tg (°C), by DSC	80
Young Modulus (MPa)	1868
Elongation at break (%)	4
Tensile Strength (MPa)	57

### PRODUCT PERFORMANCE

Wood Adhesion  
ABS/PC Adhesion  
Metal Adhesion  
PVC/PS Adhesion  
PE/PET/PP/PMMA Adhesion  
Chemical Resistance  
Hardness  
Scratch Resistance  
Abrasion Resistance  
Moisture Resistance  
Corrosion Resistance  
Shrinkage

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Electronics  
Flexographic inks  
Metal coatings  
Wood coatings

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