

## TECHNICAL DATA SHEET

# CN2102 E

## Epoxy Acrylate

### DESCRIPTION

CN2102E is an epoxy acrylate designed for UV/EB-cured inks and coatings. CN2102E combines excellent pigment dispersion properties with fast cure response.



### 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)	37750
Density at 25°C (g/mL)	1.1434
Refractive Index at 25°C	1.5265
Functionality	2
Color (Gd)	<5

### CURED PROPERTIES

Young Modulus (MPa)	1510
Elongation at break (%)	5
Tensile Strength (MPa)	14

### PRODUCT PERFORMANCE

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

### SUGGESTED APPLICATIONS

Composites  
Flexographic inks  
Inkjet inks  
Wood coatings

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