

## TECHNICAL DATA SHEET

# CN2204

## Epoxy Acrylate

### DESCRIPTION

CN2204 is a tetrafunctional epoxy acrylate with good wet offset ink performance. CN2204 has good pigment wetting properties and emulsion stability on offset presses. CN2204 is used as the majority of the resin base. Cure speed and gloss are enhanced with CN2204 in offset 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

Appearance	Clear liquid
Functionality	4
Color (Pt/Co or APHA)	100
Refractive Index at 25°C	1.4905
Density at 25°C (g/mL)	1.1273

### CURED PROPERTIES

Elongation at break (%)	2
Tg (°C), by DSC	75
Tensile Strength (MPa)	1

### PRODUCT PERFORMANCE

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

### SUGGESTED APPLICATIONS

Flexographic inks  
 Offset inks  
 Overprint varnishes

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