

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

CURED PROPERTIES

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

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Flexographic inks
Offset inks
Overprint varnishes

Arkema Inc
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