

TECHNICAL DATA SHEET

CN131

Low Viscosity Aromatic Monoacrylate

DESCRIPTION

CN131, a low viscosity aromatic monoacrylate oligomer, is used to produce fast curing, and strong yet flexible free radically cured films.



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	1
Color (Pt/Co or APHA)	<250
Color (Gd)	1
Density at 25°C (g/mL)	1.1594
Refractive Index at 25°C	1.525
Viscosity at 25°C (mPa.s or cPs)	210

CURED PROPERTIES

Tg (°C), by DSC	4
Young Modulus (MPa)	8
Elongation at break (%)	200
Tensile Strength (MPa)	1

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Adhesives & sealants
Composites
Electronics
Flexographic inks
Inkjet inks
Metal coatings

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