

TECHNICAL DATA SHEET

CN136

Modified Epoxy Acrylate

DESCRIPTION

CN136 is an amine modified version of bisphenol A based epoxy acrylate. It provides a good balance of water properties, high reactivity and exceptionally fast cure.



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
Density at 25°C (g/mL)	1.1774
Refractive Index at 25°C	1.5407
Functionality	2
Color (Gd)	4

CURED PROPERTIES

Tg (°C), by DSC	13
Young Modulus (MPa)	2027
Elongation at break (%)	5
Tensile Strength (MPa)	58

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Adhesives & sealants
 Electronics
 Flexographic inks
 Metal coatings
 Offset inks
 Overprint varnishes

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