

TECHNICAL DATA SHEET

CN147

Acidic Acrylate Oligomer

DESCRIPTION

CN147 is an oligomer that can be used as an adhesion promoter in UV-curable coatings and laminating adhesives.



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)	115
Density at 25°C (g/mL)	1.2286
Refractive Index at 25°C	1.459
Functionality	1
Color (Pt/Co or APHA)	<100
Color (Gd)	1

CURED PROPERTIES

Tg (°C), by DSC	18
Young Modulus (MPa)	4
Elongation at break (%)	35
Tensile Strength (MPa)	1

PRODUCT PERFORMANCE

Shrinkage
Flexibility
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Weatherability
PE/PET/PP/PMMA Adhesion

SPECIAL FEATURE

Adhesion promoter

SUGGESTED APPLICATIONS

Adhesives & sealants
Flexographic inks
Inkjet inks
Metal coatings
Plastic coatings
Screen inks

Headquarter: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80
www.Sartomer.arkema.com