

TECHNICAL DATA SHEET

CN1964CG

Aliphatic urethane methacrylate

DESCRIPTION

CN1964CG is a difunctional aliphatic urethane methacrylate oligomer for use in UV/LED/EB and peroxide curing applications.



No Intentionally Added Tin



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

Viscosity at 25°C (mPa.s or cPs)	10200
Molecular Weight (g/mol)	620
Functionality	2

CURED PROPERTIES

Tg (°C), by DSC	130
Young Modulus (MPa)	1408
Elongation at break (%)	3.7
Tensile Strength (MPa)	28.3

PRODUCT PERFORMANCE

SUGGESTED APPLICATIONS

3D printing
Nail varnishes

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