

TECHNICAL DATA SHEET

CN1970

Urethane Methacrylate

DESCRIPTION

CN1970 is an aliphatic nonpolar urethane methacrylate useful in personal care and high performance applications.



No Intentionally Added Tin



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	2
Color (Pt/Co or APHA)	<50

CURED PROPERTIES

Elongation at break (%)	71
Tg (°C), by DSC	54
Tensile Strength (MPa)	25
Young Modulus (MPa)	420

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

- Adhesives & sealants
- Metal coatings
- Nail varnishes
- Wood coatings

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

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