SARTOMER®

TECHNICAL DATA SHEET

CN961H81

Aliphatic Urethane Acrylate blended with EOEOEA (SR256)

DESCRIPTION

CN961H81 is an aliphatic polyester based urethane diacrylate oligomer blended with 19% SR256, 2(2-ethoxyethoxy) ethyl acrylate. It is a resilient oligomer offering good weatherability.

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	2
Color (Pt/Co or APHA)	40
Density at 25°C (g/mL)	1.0842
Refractive Index at 25°C	1.478

CURED PROPERTIES

Tg (°C), by DSC	-14
Elongation at break (%)	53
Tensile Strength (MPa)	2
Young Modulus (MPa)	41

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Metal coatings
Plastic coatings

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